

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

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John Baker,

Plaintiff,

CASE NO. 8:20-cv-00315-JFB-SMB

v.

**ORDER ON PRETRIAL CONFERENCE**

Union Pacific Railroad Co.,

Defendant.

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A final pretrial conference was held on the 10<sup>th</sup> day of March 2022. Appearing for the parties as counsel were:

Plaintiff: James H. Kaster and Neil D. Pederson

Defendant: Scott P. Moore and David P. Kennison

(A) **Exhibits.** See attached Exhibit Lists.

Caution: Upon express approval of the judge holding the pretrial conference for good cause shown the parties may be authorized to defer listing of exhibits or objections until a later date to be specified by the judge holding the pretrial conference. The mere listing of an exhibit on an exhibit list by a party does not mean it can be offered into evidence by the adverse party without all necessary evidentiary prerequisites being met.

(B) **Uncontroverted Facts.** The parties have agreed that the following may be accepted as established facts for purposes of this case only:

1. Defendant Union Pacific Railroad Company (“Union Pacific”) is an “employer” for purposes of Title I of the Americans with Disabilities Act, 42 U.S.C. § 12101, *et seq.* (“ADA”).

2. Plaintiff John Baker (“Baker”) is an “employee” as defined by the ADA.

3. Baker is an individual residing in Little Rock, Arkansas.

4. Union Pacific hired Baker on May 17, 2004. Previously, Baker worked for Union Pacific in 1995.

5. Baker worked as a Switchman/Hostler.

(C) **Controverted and Unresolved Issues.** The issues remaining to be determined and unresolved matters for the court’s attention are:

**Plaintiff’s Claims:**

1. ADA: Disparate Treatment

a. Plaintiff’s Position:

i. Under 42 U.S.C. § 12112(b)(6) (unlawful screening)

1. Whether Baker can meet his burden to show that he has or had a record of disability, or perceived disability under the ADA
2. Whether Baker can meet his burden to show that Union Pacific uses a qualification standard or selection criteria that screens out or tends to screen out individuals with disabilities.
3. Whether Baker can meet his burden to show that he was screened out of employment as a result of the qualification standard or selection criteria.
4. Contrary to Defendant’s untimely argument set forth below, subsection 12112(b)(6) supports both disparate treatment and disparate impact claims. First, the plain language of subsection 12112(b)(6) contemplates both claims. It prohibits “using qualification standards [] that screen out or tend to screen out and individual with a disability. *Id.* (emphasis added). The “screen out or tend to screen out” dichotomy cements the existence of both types of claims, and contemplates situations where plaintiffs claim a facially discriminatory policy (“screens out”) or a facially neutral one with an adverse impact (“tends to screen out”). Cf. § 12112(b)(3)(A) (prohibiting discrimination by “utilizing standards, criteria, or methods of administration that have the effect of discrimination on the basis of disability”) (emphasis added). Second, supreme court jurisprudence supports this conclusion. *Raytheon Co. v. Hernandez*, 540 U.S. 44, 52 (2003) (citing (b)(6) as an example of an ADA disparate treatment claim); *see also EEOC*

*v. Kronos, Inc.*, 694 F.3d 351, 357 (3d Cir. 2012) (tests that “screen out or tend to screen out” persons with disabilities “may be impermissible under both disparate treatment and disparate impact theories”); *Bates v. United Parcel Serv., Inc.*, 511 F.3d 974, 988, 995 n.10 (9th Cir. 2007) (en banc) (Subsection (b)(6) claim was based on a disparate treatment theory because it was “a *facially discriminatory* qualification standard [that focused] directly on an individual’s disabling or potentially disabling condition”); *Leskovisek v. Ill. DOT*, 2020 WL 7323840, \*13 (C.D. Ill. Dec. 11, 2020) (Subsection 12112(b)(6) screening claim can be based on either disparate treatment or disparate impact).

5. As to Defendant’s arguments pertaining to its motion to bifurcate, Plaintiff disputes. Plaintiff will respond in his opposition to Defendant’s motion, including whether individuals with “regarded as” disability claims can bring disparate impact claims. Furthermore, the Court has already ruled Plaintiff has both a “record of” disability claim and a “regarded as” disability claim. *Baker v. Union Pac. R.R. Co.*, --- F. Supp. 3d ---, 2022 WL 159283, at \*8 (D. Neb. Jan. 18, 2022) (“Baker has presented evidence from which a jury could conclude that he has a record of disability or was regarded as disabled.”)

ii. Under 42 U.S.C. § 12112(a)

1. Whether Baker can meet his burden to show that he has or had record of disability, or perceived disability under the ADA.
2. Whether Baker can meet his burden to show that he was qualified to do the job he was already doing.
3. Whether Baker can meet his burden to show his record of or perceived disability was a motivating factor in Union Pacific’s decision to remove him from his job and not allow him to return for a period of approximately one year. *See Oehmke v. Medtronic, Inc.*, 844 F.3d 748, 756 (8th Cir. 2016) (“We apply a mixed-motive

causation standard, allowing claims based on an adverse employment action that was motivated by both permissible and impermissible factors.”).<sup>1</sup>

b. Defendant’s Position:

i. Under 42 U.S.C. § 12112(b)(6).

1. Plaintiff cannot assert a disparate treatment claim under 42 U.S.C. § 12112(b)(6), which is a statutory provision for disparate impact. *See Carrillo v. Union Pacific R.R. Co.*, No. EP-21-CV-00026-FM, 2021 WL 3023407, at \*3 (W.D. Tex. July 16, 2021) (explaining that a claim against Union Pacific alleging the same policy at issue here violated § 12112(b)(6) is a disparate impact claim); *Boersig v. Union Elec. Co.*, 219 F.3d 816, 822 (8th Cir. 2000) (discussing § 12112(b)(6) claim as “invoking a disparate-impact theory of ADA liability”); *Davidson v. Am. Online, Inc.*, 337 F.3d 1179, 1189 (10th Cir. 2003) (“[Under a disparate impact theory, discrimination is defined as including the use of “qualification standards ... or other selection criteria that screen out or tend to screen out an individual with a disability.... 42 U.S.C. § 12112(b)(6).”). *Allmond v. Akal Sec., Inc.*, No. CIV.A. 4:05CV96 HL, 2007 WL 2904023, at \*6 (M.D. Ga. Sept. 28, 2007), *aff’d*, 558 F.3d 1312 (11th Cir. 2009) (“Claims brought pursuant to § 12112(b)(6) are treated as disparate impact claims.”) (citing cases); *Coons v. BNSF Ry. Co.*, 268 F. Supp. 3d 983, 987 (D. Minn. 2017) (same); *Sista v. CDC Ixis N. Am., Inc.*, 445 F.3d 161, 171 (2d Cir. 2006) (distinguishing claims alleging discriminatory application of qualification standards from disparate-treatment claims); *Equal Emp. Opportunity Comm’n v. BNSF Ry. Co.*, No. C14-1488 MJP, 2016 WL 98510, at \*5 (W.D. Wash. Jan. 8, 2016), *aff’d*, 902 F.3d 916 (9th Cir. 2018), *as amended* (Sept. 12, 2018) (“In fact, no Ninth Circuit case or district

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<sup>1</sup> Plaintiff disputes Defendant’s characterization below that the Plaintiff’s date of adverse action was February 1, 2015. (See Pl.’s Br. Opp. Summ. J., ECF No. ECF No. 373.)



court case within the Ninth Circuit ... has accepted § 12112(b)(6) as the standard for a claim made on the basis of disparate treatment.”). The key element of a disparate treatment claim is “discriminatory intent.” *Peebles v. Potter*, 354 F.3d 761, 766 (8th Cir. 2004).

2. As explained in Union Pacific’s brief in support of motion to bifurcate, Plaintiff is not entitled to a jury trial on his disparate impact claim. Further, Union Pacific maintains that an individual who is only disabled under the “regarded as” prong cannot establish a disparate impact claim as a matter of law.
3. If the Court finds that Plaintiff can assert a disparate treatment claim under § 12112(b)(6), the following must be proved:
  - a. Whether Baker can meet his burden to show that he has a record of disability or perceived disability under the ADA.
  - b. Whether Baker can meet his burden to show that he was qualified to perform the essential functions of the Switchman position at the time of the adverse employment decision.
  - c. Whether Baker can meet his burden to show that Union Pacific uses a qualification standard or selection criteria that screens out or tends to screen out qualified individuals with disabilities.
  - d. Whether Baker can meet his burden to show that the qualification standard or selection criteria was pretext for unlawful discrimination and discriminatory intent was the but for cause of Union Pacific’s decision to issue temporary work restrictions.

ii. Under 42 U.S.C. § 12112(a).

1. Whether Baker can meet his burden to show that he has a record of disability or perceived disability under the ADA.

2. Whether Baker can meet his burden to show that he was qualified to perform the essential functions of the Switchman position at the time of the adverse employment decision.<sup>2</sup>
3. Whether Baker can meet his burden to show that discriminatory intent was the but for cause of Union Pacific's decision to issue temporary work restrictions.

2. ADA: Disparate Impact

a. Plaintiff's Position:

- i. Whether Baker can meet his burden to show that Union Pacific uses employment standards or criteria that have a disparate impact on individuals with disabilities.
- ii. Whether Baker can meet his burden to show that Union Pacific removed him from service and did not allow him to return because of such employment standards or criteria.
- iii. As to Defendant's arguments pertaining to its motion to bifurcate, Plaintiff disputes. Plaintiff will respond in his opposition to Defendant's motion, including whether individuals with "regarded as" disability claims can bring disparate impact claims. Furthermore, the Court has already ruled Plaintiff has both a "record of" disability claim and a "regarded as" disability claim. *Baker v. Union Pac. R.R. Co.*, --- F. Supp. 3d ---, 2022 WL 159283, at \*8 (D. Neb. Jan. 18, 2022) ("Baker has presented evidence from which a jury could conclude that he has a record of disability or was regarded as disabled.")

b. Defendant's Position:

- i. As explained in Union Pacific's brief in support of motion to bifurcate, Plaintiff is not entitled to a jury trial on his disparate impact claim. Further, Union Pacific maintains that an individual who is only disabled under the "regarded as" prong cannot establish a disparate impact claim as a matter of law.

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<sup>2</sup> Defendant's position is that the true "adverse" employment decision did not occur until February 1, 2015, the date on which the Plaintiff's treating physician recommended his return to work.

ii. If the Court allows a disparate impact claim:

1. Whether Baker can meet his burden to show that he has a record of disability or perceived disability under the ADA.
2. Whether Baker can meet his burden to show that he was qualified to perform the essential functions of the Switchman position at the time of the adverse employment decision.
3. Whether Baker can meet his burden to show that Union Pacific uses a qualification standard or selection criteria that screens out or tends to screen out qualified individuals with disabilities.
4. Whether Baker can meet his burden to show that the challenged standard or criteria had an adverse impact on Baker;
5. Whether Baker can meet his burden to show a causal relationship between the challenged standard or criteria and a disparate impact on qualified individuals with disabilities.

3. ADA: Failure to Accommodate

a. Plaintiff's Position:<sup>3</sup>

- i. Whether Union Pacific had notice that Baker required a reasonable accommodation.
- ii. Whether Baker can meet his burden to show that he has or had a record of disability, or perceived disability under the ADA.
- iii. Whether Baker can meet his burden to show there was a reasonable accommodation available that would have allowed him to continue work for Union Pacific.

b. Defendant's Position:<sup>4</sup>

- i. Whether Baker can meet his burden to show he is a person with a record of a disability.

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<sup>3</sup> Plaintiff disputes Defendant's assertion below that Plaintiff cannot pursue his "record of" disability claim. The Court has already ruled Plaintiff has both a "record of" disability claim and a "regarded as" disability claim. *Baker v. Union Pac. R.R. Co.*, --- F. Supp. 3d ---, 2022 WL 159283, at \*8 (D. Neb. Jan. 18, 2022) ("Baker has presented evidence from which a jury could conclude that he has a record of disability or was regarded as disabled.").

<sup>4</sup> Union Pacific reasserts that the only avenue for Baker to establish he is "disabled" under the ADA is under the "regarded as" prong, and as a result, he is not entitled to any reasonable accommodation.

- ii. Whether Baker can meet his burden of showing he requested a reasonable accommodation that is related to his alleged “record of” disability
- iii. Whether Baker can meet his burden to show that there was a reasonable accommodation available that would have allowed him to perform the essential functions of the Switchman position, or if Baker requested an alternative position, that a vacant position existed for which he was qualified.

**Defendant’s Defenses:**

1. Direct Threat:

a. Plaintiff’s Position:

- i. Whether Defendant can meet its burden to show Plaintiff posed a direct threat to the health or safety of himself or others in the workplace; and
- ii. Whether Defendant can meet its burden to show such direct threat could not be eliminated by reasonable accommodation.

b. Defendant’s Position:

- i. Whether Union Pacific can meet its burden to show that its determination that Baker was a direct threat was based on a reasonable medical judgment relying on the most current medical knowledge and/or on the best available objective evidence, considering factors such as (1) the duration of the risk; (2) the nature and severity of the potential harm; (3) the likelihood that the potential harm will occur; and (4) the imminence of the potential harm. Union Pacific need not prove that Baker was a direct threat, but only that its medical judgment was objectively reasonable.

2. Business Necessity:

- a. Plaintiff’s position: If Union Pacific uses a qualification standard or selection criteria that screens out or tends to screen out individuals with disabilities, whether Union Pacific can meet its burden to show that the standard, criteria, or policy is uniformly applied, job-related, consistent with business necessity, and cannot be met by Plaintiff.

- b. Defendant's position: Whether Union Pacific can meet its burden to show that issuing functional work restrictions on Baker was job-related and consistent with business necessity.
3. Good Faith:
  - a. Plaintiff's position:
    - i. Plaintiff disputes that a good faith defense is available for Defendant in this case.
    - ii. To the extent such a defense is available, Defendant has the burden to show that it made a good faith effort to identify and make a reasonable accommodation that would provide Plaintiff with an equally effective opportunity.<sup>5</sup>
  - b. Defendant's position:
    - i. Whether Union Pacific can show that it made a good faith effort to identify and make a reasonable accommodation and as a result, compensatory and punitive damages are not warranted.<sup>6</sup>

**Damages:**

**Plaintiff's position:**<sup>7</sup>

1. Whether Baker can meet his burden to prove he has been damaged as a result of Union Pacific's conduct, including but not limited to back wages, front wages, compensatory damages and/or punitive damages, and the amounts of any such damages.
2. Whether Union Pacific can meet its burden of proof to show that Baker failed to mitigate his damages.
3. Whether Baker can demonstrate by evidence that Union Pacific's conduct establishes the right to punitive damages.

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<sup>5</sup> Plaintiff disputes Defendant's assertion below that Plaintiff cannot pursue his "record of" disability claim. The Court has already ruled Plaintiff has both a "record of" disability claim and a "regarded as" disability claim. *Baker v. Union Pac. R.R. Co.*, --- F. Supp. 3d ---, 2022 WL 159283, at \*8 (D. Neb. Jan. 18, 2022) ("Baker has presented evidence from which a jury could conclude that he has a record of disability or was regarded as disabled.").

<sup>6</sup> Union Pacific reasserts that the only avenue for Baker to establish he is "disabled" under the ADA is under the "regarded as" prong, and as a result, he is not entitled to any reasonable accommodation.

<sup>7</sup> As to Defendant's arguments pertaining to the scope of damages for his disparate impact claims, Plaintiff disputes. Plaintiff will respond in his opposition to Defendant's motion to bifurcate.

Defendant's position: Damages to be decided by the jury if Plaintiff prevails on his disparate treatment and/or reasonable accommodation claims:<sup>8</sup>

1. Whether Baker can meet his burden to prove he has been damaged as a result of Union Pacific's conduct, including back wages, front wages, compensatory damages and/or punitive damages, and the amounts of any such damages.
2. Whether Union Pacific can meet its burden of proof to show that Baker failed to mitigate his damages, if any.
3. Whether Baker can establish the right to punitive damages by showing Union Pacific acted with malice or reckless indifference to his right not to be discriminated against on the basis of disability and, if proved, the amount of punitive damages.

**For the Court**

1. Pending motions in limine.
2. Union Pacific's forthcoming Motion to Bifurcate and Motion to Recuse.
3. Plaintiff's post trial Motion for Equitable Relief.

(D) **Witnesses.** All witnesses, including rebuttal witnesses, expected to be called to testify by plaintiff, except those who may be called for impeachment purposes as defined in NECivR 16.2(c) only, are:

See Attached Plaintiff's Witness List

All witnesses expected to be called to testify by defendant, except those who may be called for impeachment purposes as defined in NECivR 16.2(c) only, are:

See Attached Defendant's Witness List

It is understood that, except upon a showing of good cause, no witness whose name and address does not appear herein shall be permitted to testify over objection for any purpose except impeachment. A witness who has been identified as offering testimony solely to establish foundation for an exhibit shall not be permitted to testify for any other purpose,

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<sup>8</sup> As Union Pacific will explain in a forthcoming motion to bifurcate, Baker is not entitled to compensatory or punitive damages on his disparate impact claim.

over objection, unless such witness has been disclosed pursuant to Federal Rule of Civil Procedure 26(a)(3). A witness appearing on any party's witness list may be called by any other party.

Note: Defendant's expert witness, Dr. Matthew Rizzo, is only available on the morning of Friday, April 8, 2022 due to travel conflicts.

(E) **Expert Witnesses' Qualifications.** Experts to be called by the parties and their qualifications are:

1. Dr. Kevin Trangle – see attached CV.
2. Dr. Michael Devereaux – see attached CV.
3. Melissa Snelson – see attached CV.
4. Dr. Matthew Rizzo – see attached CV

The parties may also call some or all of Plaintiff's treating doctors. *See* Plaintiff's and Defendant's respective Witness List.

(F) **Voir Dire.** Counsel have reviewed Federal Rule of Civil Procedure 47(a) and NECivR 47.2(a) and suggest the following with regard to the conduct of juror examination:

The parties request that the Court allow the submission of voir dire questions no later than five (5) working days prior to the first day of trial and that the Court conduct a preliminary examination of prospective jurors, with counsel for both parties asking follow-up questions.

(G) **Number of Jurors.** Counsel have reviewed Federal Rule of Civil Procedure 48 and NECivR 48.1 and plaintiff suggests that this matter be tried to a jury composed of eight (8) members and defendant suggests that this matter be tried to a jury composed of twelve (12):

(H) **Verdict.** The parties will **not** stipulate to a less-than-unanimous verdict.

(I) **Briefs, Instructions, and Proposed Findings.** Counsel have reviewed NECivR 39.2(a), 51.1(a), and 52.1, and suggest the following schedule for filing trial briefs, proposed jury instructions, and proposed findings of fact, as applicable:

Proposed jury instructions, trial briefs and proposed findings of fact shall be filed five (5) working days before the first day of trial.

(J) **Demonstratives.** Any demonstrative is to be disclosed to the opposing party by 9:00 a.m. on the business day before it is intended to be used.

(K) **Witnesses.** The parties agree to identify witnesses to be called to testify by: the close of the preceding business day before they will testify.

(L) **Other.** The parties shall exchange deposition designations by April 1, 2022, counter-designations and objections to designations by April 8, 2022, and objections to counter-designations by April 15, 2022.

(M) **Length of Trial.** Counsel estimates the length of trial will consume not less than 4 day(s), not more than 5 day(s), and probably about 5 day(s).

The parties propose to conduct direct examination of the witnesses Plaintiff calls in his case that Defendant has listed as its witnesses rather than recalling witnesses during the Defendant's case.

(N) **Trial Date.** Trial was set for April 4, 2022 and is being reset for June 14, 2022.

(O) **Electronic Devices.**

Karla Pathmann, paralegal for attorneys at Nichols, Kaster Law Firm, 80 South 8<sup>th</sup> Street, 47000 IDS Center, Minneapolis, Minnesota, shall be allowed to bring laptops, cellphone and an iPad into the courtroom from June 14, 2022 through June 20, 2022.

Sherick Francois, paralegal for attorneys at Nichols, Kaster Law Firm, 80 South 8<sup>th</sup> Street, 47000 IDS Center, Minneapolis, Minnesota, shall be allowed to bring laptops, cellphone and an iPad into the courtroom from June 14, 2022 through June 20, 2022.



Casey Grennan, paralegal for attorneys at Baird Holm Law Firm, 1700 Farnam Street, Suite 1500, Omaha, Nebraska, shall be allowed to bring laptops, cellphone and an iPad into the courtroom from June 14, 2022 through June 20, 2022.

Kristine Krupka, paralegal for attorneys at Baird Holm Law Firm, 1700 Farnam Street, Suite 1500, Omaha, Nebraska, shall be allowed to bring laptops, cellphone and an iPad into the courtroom from June 14, 2022 through June 20, 2022.

Sara Littleton, paralegal for attorneys at Baird Holm Law Firm, 1700 Farnam Street, Suite 1500, Omaha, Nebraska, shall be allowed to bring laptops, cellphone and an iPad into the courtroom from June 14, 2022 through June 20, 2022.

Jay Everett, defendant's corporate representative, shall be allowed to a cellphone into the courtroom from June 14, 2022 through June 20, 2022.

Date: March 10, 2022

**NICHOLS KASTER, PLLP**

s/Neil D. Pederson

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ATTORNEYS FOR PLAINTIFF

Date: March 10, 2022

UNION PACIFIC RAILROAD  
COMPANY, Defendant,

By: /s/Scott P. Moore

Scott Parrish Moore (NE #20752)

Allison D. Balus (NE #23270)

David P. Kennison (NE #25510)

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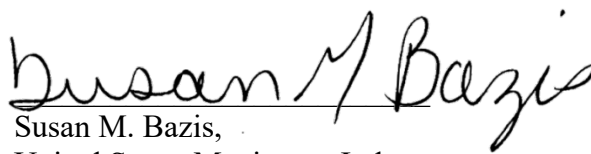
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BY THE COURT:

A handwritten signature in black ink, reading "Susan M. Bazis". The signature is written in a cursive, flowing style. The first name "Susan" is written in a larger, more prominent script, followed by "M." and "Bazis". The signature is positioned above a horizontal line.

Susan M. Bazis,  
United States Magistrate Judge

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

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John Baker,

Plaintiff,

Case File No. 8:20-CV-00315-JFB-SMB

v.

Union Pacific Railroad Co.,

Defendant.

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**PLAINTIFF'S EXHIBIT LIST (W/  
DEFENDANT'S OBJECTIONS)**

Pursuant to the Court's Trial Setting Order (ECF No. 361), Plaintiff John Baker submits the following list of trial exhibits for the trial scheduled to begin on or about April 4, 2022.

**Defendant's Objections:**

**F= Foundation**

**A= Authenticity**

**R= Relevance**

**403= Fed.R.Evid. 403**

**702/703 = Fed.R.Evid. 702 and/or 703**

PLF NO.	DEF NO.	DESCRIPTION	BEG BATES NO. / DEPO EX. NO.	OFF	OBJ	RC VD	NOT RCVD	DATE
1		2004-04-12 Employment Application File	UP_BAKERPHASEII_440388		F, A, R			
2		2005-01 Medical Standards for Railroad Workers			F, R, A, 403, H			
3		2014 FMCSA Medical Examiner Handbook	UP 003018		F, R, A, 403, H			
4		2009-05 Trainman Job Description Brief	134 Baker					
5		2015-03-19 Position Description	133 Baker, 010 Silzer		H, F, A, R			
6		2013-02-15 Health and Medical Physician History	UP_Harris_431263		H, F, A, R			
7		2013-07-09 Vocational Rehabilitation Referral Form	148 Baker		H, F, A			
8		2013-10-18 HMS Process Guideline: when FFD review is needed prior TPW/RA	UP_Harris_024584		H, F, A			
9		2014-10-14 Little Rock Diagnostic Medical Records	001 Silzer		H, F, A, R			
10		2014-10-15 Letter to Whom It May Concern	135 Baker, 001 Everett, 002 Silzer		F			

11		2014-10-23 EEG Report	003 Silzer		H, F, A, R			
12		2014-10-31 Medical Rules	006 Holland		F			
13		2014-11-06 Letter to John Baker	136 Baker, 002 Everett, 527 Trangle		F			
14		2014-11-07 Letter to John Baker	137 Baker, 003 Everett		F			
15		2014-11-10 Letter to John Baker	138 Baker, 004 Everett		F			
16		2014-11-11 Letter to John Baker	139 Baker, 005 Everett		F			
17		2014-11-18 Medical Record	004 Silzer		H, F, A, R			
18		2014-11-24 Medical Record	005 Silzer		H, F, A, R			
19		2015-01-06 Medical Record	006 Silzer		H, F, A, R			
20		2015-01-06 Return to Work Letter	140 Baker, 007 Silzer		H, F, A, R			
21		2015-01-13 Employment Application	154 Baker		F, A, R			
22		2015-01-15 Medical Records sent to UPRR	141 Baker, 007 Goldstein		H, F, A, R			
23		2015-01-19 Letter to John Baker	142 Baker, 006 Everett		F			
24		2015-01-21 Job Posting - Risk Mgmt Rep Trainee	153 Baker		F			
25		2015-01-29 Email re: Arkansas Cardiology Medical Records	167 Baker		F			
26		2015-02-03 Medical Records sent to UPRR	143 Baker, 006 Goldstein		H, F, A, R			
27		2015-02-03 Medical Records sent to UPRR	D-5 Devereaux		H, F, A, R			
28		2015-02-03 Medical Records sent to UPRR	D-3 Devereaux		H, F, A, R			
29		2015-02-13 Letter to John Baker	144 Baker, 007 Everett, 528 Trangle		F			
30		2015-02-24 Medical Records sent to UPRR	145 Baker, D-4 Devereaux, 009 Goldstein		H, F, A, R			
31		2015-02-27 Letter to John Baker	UP 005211		H, F, A, R			
32		2015-03-02 Letter to John Baker	146 Baker, 008 Everett		F			
33		2015-03-04 Supplemental Doctor's Statement	003 Holland		H, F, A, R			
34		2015-03-05 Letter to John Baker	147 Baker, 009 Everett		F			
35		2015-03-20 Employment Application	152 Baker		H, F, A, R			
36		2015-03-30 Job Posting - ROS/Foreman in Training	151 Baker		H, F, A, R			
37		2015-04-06 Medical Record	008 Silzer		H, F, A, R			
38		2015-04-27 Draft Appendix B: Duration of Work Restrictions by Condition	UP_Harris_032118		H, F, A, R, 403			
39		2015-04-27 Employment Application	150 Baker		H, F, A, R			
40		2015-05-11 Job Posting - ROS/Foreman in Training	149 Baker		H, F, A, R			
41		2015-06-01 Vocational Rehabilitation Progress Report	156 Baker		H, F, A, R			
42		2015-06-23 Changes in work restrictions for UPRR workers with seizures	002 Holland		H, F, A, R, 403			
43		2015-08-25 Charge of Discrimination	132 Baker		H, F, A, R, 403			
44		2015-09-09 HR Reporting System	UP 005021		H, F, A, R			
45		2015-10-20 Medical Records sent to UP	157 Baker, 009 Silzer		H, F, A, R			
46		2015-10-29 Syncope (Fainting) Definition	UP 001089		H, F, A, R, 403			

47		2015-10-30 Letter to John Baker	158 Baker, 010 Everett		F			
48		2015-11-16 Medical Comments History	D-6 Devereaux		H, F, A, R			
49		2016-01-13 Eliminated Applicant View	UP 000966		H, F, A, R, 403			
50		2016-03-01 Email re: Seizures 2-8-16	UP_Harris_164552		H, F, A, R, 403			
51		Attachment to 2016-03-01 Email	UP_Harris_164553		H, F, A, R, 403			
52		2016-03-03 Standard Wage History	165 Baker		H, F, A, R, 403			
53		2016-05-31 Email re: Medical Comments for Seizure Cases with attachments for Rex Raymond Randall, Adolph Bampi Rodriguez and Jessica Card	UP_Harris_131940		H, F, A, R, 403			
54		2016-07-26 HMS Clinical Procedure - Fitness-for-Duty Memos/Standard Work Restrictions	UP_Harris_062458		H, F, A, R, 403			
55		2014-10-15 Email re: updated Std Work Restrictions – Sudden Incapacitation with attachment	UP_Harris_020381		H, F, A, R, 403			
56		2017-05-06 Proposed JOEM Supplement: Fitness-for-Duty Guidelines for Transportation	UP_Harris_311501		H, F, A, R, 403			
57		2020-12-08 Seniority Roster Listing	UP BAKERPHASEII 440770		H, F, A, R			
58		2020-12-16 HR Reporting System	UP BAKERPHASEII 440356		H, F, A, R			
59		Chicot Memorial Medical Center Records	164 Baker		H, F, A, R			
60		Compilation of Medical Records	163 Baker		H, F, A, R			
61		2018-08-10 Declaration of Alexander Wise			H, F, A, R, 403, Improper Expert Testimony			
62		eHealthsafe Dataset	UP_Harris_202506		H, F, A, R, 403, Improper Expert Testimony			
63		eHealthsafe Dataset	UP_Harris_238006		H, F, A, R, 403, Improper Expert Testimony			
64		2018-02 Putative Class List in Harris, et al. v. Union Pacific Railroad Co.			H, F, A, R, 403			
65		2013 Form 10-K for Union Pacific Corporation			H, F, A, R, 403			
66		2014 Form 10-K for Union Pacific Corporation			H, F, A, R, 403			
67		2015 Form 10-K for Union Pacific Corporation			H, F, A, R, 403			
68		2016 Form 10-K for Union Pacific Corporation			H, F, A, R, 403			

69		2021 Form 10-K for Union Pacific Corporation			H, F, A, R, 403			
70		FMCSA Medical Examiner Handbook - No Longer in Use Page Capture			H, F, A, R, 403			
71		404 Error Federal Motor Carrier Safety Administration Page Capture			H, F, A, R, 403			
72		2013-2016 W-2s	166 Baker		H, F, A, R			
73		John Baker Year End Paystubs 2010-2020			H, F, A, R			
74		Comparator Year End Paystubs			H, F, A, R, 403			
75		2017-02-24 Defendant's Answers to Plaintiffs' Interrogatories to Defendant, Set I			H, F, A, R, 403			
76		2017-02-24 Defendant's Responses to Plaintiffs' Requests for Production to Defendant, Set I			H, F, A, R, 403			
77		2017-03-21 Defendant's Supplemental Responses to Plaintiffs' Requests for Production to Defendant, Set I			H, F, A, R, 403			
78		2017-03-27 Defendant's Second Supplemental Responses to Plaintiffs' Requests for Production to Defendant, Set I			H, F, A, R, 403			
79		2017-04-20 Defendant's Second Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set I with Exhibit A			H, F, A, R, 403			
80		2017-05-10 Defendant's Third Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set I			H, F, A, R, 403			
81		2017-07-07 Defendant's Fourth Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set I			H, F, A, R, 403			
82		2017-10-10 Defendant's Third Set of Supplemental Responses to Plaintiffs' Requests for Production to Defendant, Set I			H, F, A, R, 403			
83		2017-10-10 Defendant's Fourth [sic] Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set I			H, F, A, R, 403			
84		2017-12-22 Defendant's Answers to Plaintiffs' Interrogatories to Defendant, Set II			H, F, A, R, 403			
85		2017-12-22 Defendant's Responses to Plaintiffs' Requests for Production to Defendant, Set II			H, F, A, R, 403			
86		2018-01-09 Defendant's First Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set II			H, F, A, R, 403			
87		2018-01-16 Defendant's Supplemental Responses to Plaintiffs' Requests for Production to Defendant, Set II			H, F, A, R, 403			

88		2018-01-16 Defendant's Answers to Plaintiffs' Interrogatories to Defendant, Set III			H, F, A, R, 403			
89		2018-03-09 Defendant's Responses to Plaintiffs' Requests for Production to Defendant, Set III			H, F, A, R, 403			
90		2018-05-01 Defendant's Fourth Set of Supplemental Responses to Plaintiffs' Requests for Production to Defendant, Set I			H, F, A, R, 403			
91		2018-05-01 Defendant's Fifth Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set I			H, F, A, R, 403			
92		2018-05-04 Defendant's Responses to Plaintiffs' Requests for Production to Defendant, Set IV			H, F, A, R, 403			
93		2018-05-10 Defendant's Answers to Plaintiffs' Interrogatories to Defendant, Set IV			H, F, A, R, 403			
94		2018-07-16 Defendant's Response to Plaintiffs' Requests for Production to Defendant, Set V			H, F, A, R, 403			
95		2019-03-01 Defendant's Supplemental Answers to Plaintiffs' Interrogatories to Defendant, Set IV			H, F, A, R, 403			
96		2020-12-16 Defendant's Responses to Plaintiff's Request for Production of Documents, Set VI			H, F, A, R, 403			
97		2020-12-16 Defendant's Answers to Plaintiff's Interrogatories, Set VI			H, F, A, R, 403			
98		Dr. Michael Devereaux Curriculum Vitae						
99		Dr. Kevin Trangle Curriculum Vitae						
100		Melissa Snelson Curriculum Vitae						
101		2009-02-04 Consulting Agreement	UP_Harris_409762		H, F, A, R, 403			
102		2009-10-01 Scope of Service for Associate Medical Director - Case Management Review Services	UP_Harris_414314		H, F, A, R, 403			
103		2009-11-06 AMD Contract Recommendations	UP_Harris_419969		H, F, A, R, 403			
104		2012-01-12 Letter to Dr. John Charbonneau	UP_Harris_409779		H, F, A, R, 403			
105		2014-04-15 Letter to Dr. John Charbonneau	UP_Harris_409792		H, F, A, R, 403			
106		2021 Rizzo Fee Schedule	001 Rizzo		H, F, A, R, 403			
107		2012-01-25 Email re: Consulting agreement with UNMC with attachment	UP_Harris_120841		H, F, A, R, 403			
108		2012-06-22 Email re: contract draft documents with attachment	UP_Harris_095964		H, F, A, R, 403			
109		2014-02-25 Memo re: Scope of Work for – consulting contract with UNMC Physicians	UP_Harris_163943		H, F, A, R, 403			

110		2015-11-02 Email re: Neurology Record Review Request Letter to Dr. Wilson Template 2013-10-28 Draft with attachment	UP_Harris_150815		H, F, A, R, 403			
111		2020-11-25 Medical Comments History	UP_BAKERPHASEII_440750		H, F, A, R, 403			

Plaintiff reserves the right to amend this exhibit list prior to trial and at trial itself based upon Defendant's exhibit list, based upon the Court's rulings before and during trial, based upon the witnesses and/or evidence presented at trial, in order to impeach witnesses or to refresh recollection, and for such other good cause as may be determined by the Court. Plaintiff also reserves the right to object to the admissibility of documents that may be offered by Defendant at the trial, irrespective of whether the document is identified on the exhibit list.

Plaintiff reserves the right to amend and supplement this Exhibit List to include inadvertent omissions, demonstrative exhibits and documents to be used for impeachment and/or rebuttal up until and through the trial of this case.

Date:

**NICHOLS KASTER, PLLP**

s/Neil D. Pederson

James H. Kaster\* (MN #53946)

kaster@nka.com

Charles A. Delbridge\* (MN #386639)

cdelbridge@nka.com

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Telephone: (612) 256-3200

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*\*admitted pro hac vice*

ATTORNEYS FOR PLAINTIFF



DOCS/2777722.1

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

<p>JOHN BAKER,</p> <p style="text-align: center;">Plaintiff,</p> <p>vs.</p> <p>UNION PACIFIC RAILROAD COMPANY,</p> <p style="text-align: center;">Defendant.</p>	<p>CASE NO. 8:20-cv-00315</p> <p><b>DEFENDANT'S TRIAL EXHIBIT LIST</b></p>
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**OBJECTIONS**

**R: Relevance**

**H: Hearsay**

**A: Authenticity**

**O: Other (specify)**

PLF	DF	DESCRIPTION	OFF	OBJ	RC VD	NOT RCVD	DATE	MAY OFFER
	201.	Train Crew Job Description Baker Dep. Ex. 133; SJ Ex. 1B UP001076-82						
	202.	Trainman Job Description Baker Dep. Ex. 134; SJ Ex. 1C UP008269-71						
	203.	Medical records from Little Rock Diagnostic Clinic dated October 14, 2014 Baker Dep. Ex. 145; SJ Ex. 1D UP000707-11						
	204.	Letter from Dr. Silzer dated October 16, 2014 Baker Dep. Ex. 135; SJ Ex. 1F UP001084						
	205.	Letter from Pam Pachaud to Baker dated November 6, 2014  Baker Dep. Ex. 136; SJ Ex. 1G UP000366-67						

PLF	DF	DESCRIPTION	OFF	OBJ	RC VD	NOT RCVD	DATE	MAY OFFER
	206.	Medical records from Little Rock Diagnostic Clinic dated January 6, 2015 Baker Dep. Ex. 141; SJ Ex. 1H UP000739-53						
	207.	Letter from Dr. Silzer dated January 6, 2015 Baker Dep. Ex. 140; SJ Ex. 1I UP000761						
	208.	Letter from Pam Pachaud to Baker dated January 19, 2015 Baker Dep. Ex. 142; SJ Ex. 1J UP000357-58						
	209.	Letter to Baker from Everett dated March 2, 2015 Baker Dep. Ex. 146; SJ Ex. 1K UP000690-91						
	210.	Letter from Owens to Baker dated March 5, 2015 Baker Dep. Ex. 147; SJ Ex. 1L UP000686-89						
	211.	Vocational Rehabilitation Progress Report Baker Dep. Ex. 156; SJ Ex. 1M UP000702-05						
	212.	Medical Records from Little Rock Diagnostic Clinic dated October 16, 2015 and cover sheet Baker Dep. Ex. 157; SJ Ex. 1N UP000756-60						
	213.	Arkansas Cardiology Records dated August 26, 2013 Baker Dep. Ex. 143; SJ Ex. 2A UP000716-38 (UP 005215 - UP 005237)						
	214.	Medical Comments History Nov. 5, 2014 – April 9, 2015 SJ Ex. 2B UP005159-164						

PLF	DF	DESCRIPTION	OFF	OBJ	RC VD	NOT RCVD	DATE	MAY OFFER
	215.	Restriction Review Form SJ Ex. 3A UP005211-13 (UP 00712 – UP 00714)						
	216.	Letter to Baker from Everett dated November 7, 2014 granting leave of absence Baker Dep. Ex. 137 UP005253						
	217.	Letter to Baker from Pachaud dated November 10, 2014 Baker Dep. Ex. 138 UP000375-76						
	218.	Letter to Baker from Everett dated November 11, 2014 granting leave of absence Baker Dep. Ex. 139 UP005190						
	219.	Letter to Baker from Pachaud dated February 12, 2015 Baker Dep. Ex. 144 UP000368-69						
	220.	Vocational Rehabilitation Referral Form Baker Dep. Ex. 148 UP000697						
	221.	Job Applications Baker Dep Exs. 149-55						
	222.	Letter to Baker from Everett dated October 30, 2015 Baker Dep. Ex. 158 UP000684-85						
	223.	Chicot Memorial Medical Center Records Baker Dep. 163 HARRIS0005997-6153						
	224.	Chicot Memorial Medical Center Records Baker Dep. 164 HARRIS0001643-85						

PLF	DF	DESCRIPTION	OFF	OBJ	RC VD	NOT RCVD	DATE	MAY OFFER
	225.	EEO Policies UP 001052-54						
	226.	HR Reporting System UP001056-74						
	227.	NTSB - Goodwell Report (UP 003839 - UP 003903)		R; O (403)				
	228.	NTSB – Arden, Nevada Accident Report (UP 003826 - UP 003838)		R; O (403)				
	229.	General Job Descriptions for Safety Critical Railroad jobs covered by the FRA Fitness for Duty Medical Standards (UP 002094–2102)		R; O (403)				
	230.	Dr. Matthew Rizzo CV						
	231.	On Duty Time UP_BakerPhaseII_440517-621						
	232.	Medical Comments History May 19, 2009 – Nov. 25, 2020 UP_BakerPhaseII_440750-64						
	233.	Medical Comments History Nov. 5, 2014 - Nov. 16, 2015 UP 000346-54						
	234.	Email dated October 2, 2014 UP_Baker_PhaseII_440940		O (untimely)				
	235.	Email dated February 9, 2015 UP_Baker_PhaseII_440935		O (untimely)				
	236.	Email dated October 7, 2015 UP_Baker_PhaseII_440960		O (untimely)				
	237.	Email dated October 8, 2015 UP_Baker_PhaseII_440941		O (untimely)				
	238.	Health and Medical Services Status Update dated October 29, 2015 UP 000379						
	239.	HARRIS0001720-23 Silzer Records, April 6, 2015 Silzer Dep. Ex. 8						

PLF	DF	DESCRIPTION	OFF	OBJ	RC VD	NOT RCVD	DATE	MAY OFFER
	240.	Appendix B: Duration of Work Restrictions by Condition UP_Harris_032118-22						
	241.	Arkansas Surgical Hospital Records June 11, 2013 HARRIS0012584 - HARRIS0012595		R; O (403)				
	242.	Little Rock Diagnostic Clinic, April 6, 2015, HARRIS0001720		R; O (403)				
	243.	Arkansas Cardiology Records Arkansas_Cardiology_000002-14		O (403)				
	244.	Plaintiff's Answers to Defendant's Interrogatories, Set I SJ Ex. 1Q		O (403)				
	245.	Plaintiff's Supplemental Responses to Requests for Production Baker Dep. Ex. 161		H; O (403)				
	246.	Plaintiff's Second Supplemental Answers to Interrogatories, Set I Baker Dep. Ex. 162		O (403)				
	247.	Plaintiff's Answers and Supplemental Response to Phase II Requests for Production served June 4, 2021		O (403)				
	248.	Plaintiff's Answers to Defendant's Interrogatories, Phase II served December 11, 2020		H; O (403)				
	249.	Benefits Information Baker0000011-12		O (403)				
	250.	FMCSA Handbook (Do not intend to offer; rebuttal testimony only)		R; O (403)				

Defendant reserves the right to amend this exhibit list prior to trial and at trial itself based upon Plaintiff's exhibit list, based upon the Court's rulings before and during trial, based upon the witnesses and/or evidence presented at trial, in order to impeach witnesses or to refresh recollection, and for such other good cause as may be determined by the Court. Defendant also reserves the right to object to the admissibility of documents

that may be offered by Plaintiff at the trial, irrespective of whether the document is identified on the exhibit list.

Defendant reserves the right to amend and supplement this Exhibit List to include inadvertent omissions, demonstrative exhibits and documents to be used for impeachment and/or rebuttal up until and through the trial of this case.

Dated this 7th day of March, 2022.

UNION PACIFIC RAILROAD COMPANY,  
Defendant,

By: s/ David P. Kennison

\_\_\_\_\_  
Scott Parrish Moore (NE# 20752)

Allison D. Balus (NE# 23270)

David P. Kennison (NE# 25510)

of BAIRD HOLM LLP

1700 Farnam St. Ste. 1500

Omaha, NE 68102-2068

Phone: 402-344-0500

Email: [spmoore@bairdholm.com](mailto:spmoore@bairdholm.com)

Email: [abalus@bairdholm.com](mailto:abalus@bairdholm.com)

### **CERTIFICATE OF SERVICE**

I hereby certify that on March 7, 2022, I provided electronic notice of the foregoing to the following:

Charles A. Delbridge  
[cdelbridge@nka.com](mailto:cdelbridge@nka.com)

James H. Kaster  
[kaster@nka.com](mailto:kaster@nka.com)

Neil D. Pederson  
[npederson@nka.com](mailto:npederson@nka.com)

Corey L. Stull  
[cstull@atwoodlawyers.com](mailto:cstull@atwoodlawyers.com)

Nicholas D. Thompson  
[nthompson@caseyjones.com](mailto:nthompson@caseyjones.com)

Anthony S. Petru  
[petru@hmnlaw.com](mailto:petru@hmnlaw.com)

and I hereby certify that I have mailed by United States Postal Service the document to the following CM/ECF participants: None.

s/ David P. Kennison  
Attorney for Defendant

DOCS/2777625.1



**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

---

John Baker,

Plaintiff,

Case No. 8:20-CV-00315-JFB-SMB

v.

**PLAINTIFF'S WITNESS LIST**

Union Pacific Railroad Co.,

Defendant.

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Pursuant to Fed. R. Civ. P. 26(a)(3)(A)(i), and the Court's Trial Setting Order (ECF No. 361), Plaintiff John Baker submits the following list of trial witnesses for the trial scheduled to begin April 4, 2022.

**Witnesses Plaintiff Expects to Call:**

1. Plaintiff John Baker  
c/o Nichols Kaster, PLLP  
80 S. 8<sup>th</sup> Street, Suite 4700  
Minneapolis, MN 55402  
(612) 256-3200
2. Jessica Baker  
c/o Nichols Kaster, PLLP  
80 S. 8<sup>th</sup> Street, Suite 4700  
Minneapolis, MN 55402  
(612) 256-3200
3. Dr. Michael Devereaux  
c/o Case Western Reserve University  
University Hospitals Case Medical Center  
Department of Neurology  
11100 Euclid Ave  
Cleveland, OH 44106  
(216) 844-3591
4. Dr. Kevin Trangle  
c/o Kevin Trangle & Associates

Paragon Center Two  
6150 Parkland Blvd  
Cleveland, OH 44124  
(612) 504 0400

5. Melissa Snelson  
c/o Stonehill Group, LLC  
121 South Eighth, Suite 850  
Minneapolis, MN 55402  
(612) 436-1390
6. Dr. Robert Silzer (due to witness availability issues, Plaintiff anticipates designating deposition testimony to be read into the record)  
c/o Little Rock Diagnostic Clinic  
Neurodiagnostic Laboratory  
10001 Lile Drive  
Little Rock, AR 72205
7. Dr. John Holland  
c/o Occupational and Environmental Medicine  
4227 S. Meridian, Suite C, PMB 254  
Puyallup, WA 98373
8. John Charbonneau  
c/o Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE 68179
9. Jay Everett  
c/o Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE 68179
10. Chad Bilson  
c/o Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE 68179

**Witnesses Plaintiff May Call:**

1. Alexander Wise  
c/o Nichols Kaster, PLLP  
8 S. 8<sup>th</sup> Street, Suite 4700  
Minneapolis, MN 55402  
9612) 256-3200

2. Dr. Matthew Rizzo  
c/o Department of Neurological Sciences  
University of Nebraska Medical Center  
988440 Nebraska Medical Center  
Omaha, NE 68198  
(402) 559-4849

Plaintiff reserves the right to present impeachment and rebuttal witnesses, to call and examine witnesses listed on Defendant's witness list, and to present unlisted witnesses who are made necessary by developments after these disclosures and continuing throughout trial that Plaintiff could not have reasonably anticipated.

Date: March 10, 2022

**NICHOLS KASTER, PLLP**

s/Neil D. Pederson

James H. Kaster\* (MN #53946)

kaster@nka.com

Charles A. Delbridge\* (MN #386639)

cdelbridge@nka.com

Neil D. Pederson\* (MN #0397628)

npederson@nka.com

80 South Eighth Street

4700 IDS Center

Minneapolis, Minnesota 55402-2242

Telephone: (612) 256-3200

Fax: (612) 338-4878

*\*admitted pro hac vice*

ATTORNEYS FOR PLAINTIFF

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF NEBRASKA**

JOHN BAKER,  Plaintiff,  vs.  UNION PACIFIC RAILROAD COMPANY,  Defendant.	CASE NO. 8:20-cv-00315  <b>DEFENDANT'S WITNESS LIST</b>
---	---

Pursuant to Fed. R. Civ. P. 26(a)(3)(A)(i), Defendant Union Pacific Railroad Company submits the following list of trial witnesses.

**Witnesses Defendant Expects To Call:**

1. Dr. John Charbonneau  
Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE  
402-544-5000
2. Dr. Matthew Rizzo  
Department of Neurological Sciences  
University of Nebraska Medical Center  
988440 Nebraska Medical Center  
Omaha, NE 68198-8440  
[\(402\) 559-8600](tel:4025598600)
3. Jay Everett  
Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE  
402-544-5000
4. Pam Pachaud  
Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE  
402-544-5000
5. Plaintiff John Baker

**Witnesses Defendant May Call:**

1. Terry Owens  
Jacksonville, AR 72076
2. William (Frank) Sutterfield  
Union Pacific Railroad Company  
1400 Douglas Street  
Omaha, NE  
402-544-5000
3. Dr. Robert Silzer
4. Heather Taylor  
Systemdic Corp.  
1089 Executive Center Dr., Ste. 105  
Little Rock, AR 72211  
(501) 227-5553

Additionally, Defendant reserves the right to present impeachment and rebuttal witnesses, to call and examine witnesses listed on Plaintiff's witness list, and to present unlisted witnesses who are made necessary by developments after these disclosures and continuing throughout trial that Defendant could not have reasonably anticipated.

DATED this 7th day of March, 2022

UNION PACIFIC RAILROAD COMPANY,  
Defendant,

By: s/ David P. Kennison

Scott Parrish Moore (NE# 20752)

Allison D. Balus (NE# 23270)

David P. Kennison (NE# 25510)

of BAIRD HOLM LLP

1700 Farnam St. Ste. 1500

Omaha, NE 68102-2068

Phone: 402-344-0500

Email: [spmoore@bairdholm.com](mailto:spmoore@bairdholm.com)

Email: [abalus@bairdholm.com](mailto:abalus@bairdholm.com)

### **CERTIFICATE OF SERVICE**

I hereby certify that on March 7, 2022 I electronically provided the foregoing to the following:

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[cdelbridge@nka.com](mailto:cdelbridge@nka.com)

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[kaster@nka.com](mailto:kaster@nka.com)

Neil D. Pederson  
[npederson@nka.com](mailto:npederson@nka.com)

Corey L. Stull  
[cstull@atwoodlawyers.com](mailto:cstull@atwoodlawyers.com)

Nicholas D. Thompson  
[nthompson@caseyjones.com](mailto:nthompson@caseyjones.com)

Anthony S. Petru  
[petru@hmnlaw.com](mailto:petru@hmnlaw.com)

and I hereby certify that I have mailed by United States Postal Service the document to the following CM/ECF participants: None.

s/ David P. Kennison  
Attorney for Defendant

## **CURRICULUM VITAE**

**Kevin L. Trangle, MD, MBA,  
FACOEM, FAADEP, BCIM, CIME, ABIME, CMRO  
6150 Parkland Blvd., Suite 110  
Mayfield Heights, OH 44124  
(216) 504-0400  
(216) 504-0404 (fax)  
[ktrangle@kta-md.com](mailto:ktrangle@kta-md.com)**

*Updated 02/15/2021*

### **Board**

#### **Certifications:**

**Internal Medicine, Board Certified, 1981;  
Occupational and Environmental Medicine, Board Certified, 1988;  
Preventive Medicine/Occupational and Environmental Medicine, 1990;  
Board Eligible Addiction Medicine, 2017;  
American College of Occupational and Environmental Medicine,  
Master Fellow;  
American College of Preventive Medicine, Fellow;  
American Academy of Disability Evaluating Physicians, Master Fellow**

### **Education:**

**Case Western Reserve University  
Cleveland, Ohio  
1989  
M.B.A**

**Master's Business Administration  
Concentration in Health Care Management**

**University of Washington  
Seattle, Washington  
Coursework taken  
Master's in Health Administration**

**University of Washington Hospitals  
Seattle, Washington  
Internal Medicine/Primary Care  
1981  
Board  
Certified**

**University of Minnesota Medical School  
Minneapolis, Minnesota  
1978  
M.D**

**Massachusetts Institute of Technology  
Cambridge, Massachusetts  
Biology, Chemistry, Computer Science  
1972  
B.S**

**St. Louis Park Senior High School  
Pre-College Courses  
1969**

**Kevin L. Trangle, MD, MBA**

**Page 2**

**Appointments:**

**Case Western Reserve University  
University Hospitals/Cleveland, Ohio  
Senior Clinical Instructor**

**Euclid General Hospital  
Euclid, Ohio  
Associate Staff Member**

**Hillcrest Hospital  
Mayfield Heights, Ohio  
Staff Member**

**Mt. Sinai Medical Center  
Cleveland, Ohio  
Director of Employee Health  
Director of Occupational Medicine 1991-1995**

**Health Care Advisory Council  
Formed by HB107-appointed September 1, 1994 by  
Governor Voinovich – stepped down 1998**

**Ohio State Medical Association  
Appointed Northeast Ohio Representative - Workers'  
Compensation Committee**

**Northern Ohio Medical Association – Board of Directors  
(2002-2003), Nominating Committee, Medical Legal  
Committee**

**Cleveland Academy of Medicine – Board of Directors 2003-  
2005**

**Specialist Examiner -      Industrial Commission  
Federal Employee Compensation (1987-2012)  
Bureau of Workers' Compensation  
Social Security Administration (1987-2008)  
EPA  
FAA (1987-2003)  
Pension Funds**

- **Medical Director for Millennium Chemical Corporation (1999- 2009); the company became Lyondell Chemical (2005- 2008) and then Cristal Global.**
- **Medical Director Moore Counseling and Mediation Services 2008 to present**
- **Consulting Medical Director British Aerospace Engineering BAE (based in Arlington Virginia) 2015 to present**



Kevin L. Trangle, MD, MBA

Page 3

- **KTA-MAT Recovery Services**, founder. This was an outpatient clinic using medical-assisted treatment to care for individuals with substance abuse issues.
- **Ravenwood Mental Health Community Hospital**, medical-assisted treatment medical director. The prior clinic I referenced above was acquired by Ravenwood Hospital. I was offered the position of MAT medical director for the hospital. This involved coordinating doctors, psychiatrists, nurse practitioners and other providers in the care and treatment of onsite services, IOP groups and distance provision for individuals with clinical chemical dependency issues. This started in 2019 and is ongoing.

As part of the services provided to Ravenwood, I also worked with NBD+ Medical in providing manual and video presentation, guidelines, policies and protocols for COVID-19-related pandemic safety precautions.

- **NBD+ Medical** is a company where I am the medical director. It is a sanitation and disinfection company that has become quite involved in pandemic disinfection, sanitation as well as medical protocols and provisions. I run the medical side of it. The company has been in existence for several years and has a national presence in sanitation and disinfection. My responsibilities are the production of videos and manuals for different organizations, clinical guidelines as well as protocols, procedures, policies and a medical hotline. Our clients have included mental health institutions, outpatient addiction services, schools, restaurants, law offices, commercial facilities and others. This is an ongoing program.

As part of this practice, I am involved in The Cleveland Clinic Foundation COVID-19 taskforce as well as teaching staff at University Hospitals which is also involved in reopening of businesses in these pandemic times.

**Positions-**

American College of Occupational and Environmental Medicine;  
House of Delegates representative Corporate Medicine and TRIOMA Sections;  
Member- Work Fitness, International Medicine and Health Productivity Management (HPM);  
Member- Medical Review Officer Component;  
Member International Section;  
Certified HPM examiner of corporations;  
Chair Corporate Medical Section 2010 to 2019;  
Chair Practice Management and Finance 2016 to 2019;  
Currently (as of 05/01/2017) chairing the task force from ACOEM putting together a model Substance Abuse Program guideline for companies;

**General Experience-**

I have been the **Medical Director of several companies including:** Argotech, Textron, Marine Mechanical, FBI, LTV Steel, Neway Stamping and several others.

**Kevin L. Trangle, MD, MBA**

**Page 4**

**Additionally, during consultations, I have dealt with several issues surrounding chemical exposures.**

**These include multiple chemical sensitivity, water quality, water chlorination, indoor air quality, fungal infections, organic and inorganic solvent exposure, styrene, asbestos, particulates, benzenes and other chemicals.**

**As one of only three occupational doctors on staff at University Hospitals in Cleveland, as well as one of four on staff at the Cleveland Clinic Foundation, I get a number of tertiary disease exposure related referrals, oncology related and other chemical exposures including respiratory exposures. I have written articles on dermal exposures as well as other exposures in the workplace and I have consulted with companies and other organizations in terms of chemical exposures.**

**Chemical Industry Experience-**

**My experience in dealing with the chemical industry stems from running an environmental consulting business, industrial hygiene consulting and a safety consulting business at the same time I ran an environmental laboratory. Often in that context the issues dealt not only with the environment and the workplace, but also with the individuals that were exposed at these different venues. In addition to the above noted information, I was the Medical Director of Millennium Chemical.**

**Substance Abuse Experience-**

**I first became involved with a SAMSHA grant in medical school as a resident trainee at 2 Substance Abuse Rehab Facilities in Minnesota- Wilmer State Hospital and Hazeltine Rehabilitation. The 12-week program dealt with alcohol and drug abuse, attending AA and NA meetings as well as group therapy.**

**I have been a Certified Medical Review Officer (CMRO) for several years through ACOEM. In that position, I have evaluated numerous individuals for prescription medication abuse as well as use of illicit substances.**

**As Medical Director over the years I have designed Drug-Free Workplace programs and substance abuse protocols and policies for firms, companies and organizations throughout the world. These include treatment protocols and return-to-work contracts as well as every aspect of substance abuse. I have overseen the**

**Kevin L. Trangle, MD, MBA**

**Page 5**

**individual treatment plans and protocols for return to work for numerous employees.**

**I have been Medical Director of Dual Diagnosis programs at Windsor Hospital primarily as well as part time at Laurel Wood Hospital; altogether over 10 years in this aspect of Substance Abuse and Addiction Medicine.**

**I was for 15 years a Class I Federal Aviation Administration (FAA) special examiner for Special Issuance of flight certificates for commercial pilots with alcohol or drug issues. I worked closely with a Cleveland Clinic psychologist and with the FAA psychiatrist in Washington DC.**

**Since 2008 I have been the Medical Director of Moore Counseling & Medication Services (MCMS), helping design rehabilitation programs and oversee the medical aspects of all patients and of the program. This includes the Vivitrol program that is currently being conducted through MCMS.**

**As of 05/01/2017, chaired ACOEM task force for a model Substance Abuse Program guideline for companies.**

**Started KTA-MAT Recovery services August 2019. Treated patients with Vivitrol, Buprenorphine and palliative medications along with associated counseling. Clinic was acquired by Ravenwood Mental Health, a community wide not for profit organization providing among other services MAT and IOP services for drug related addiction and impairment. I am the Medical Director for Medical Assisted Treatment and Community Outreach for the organization.**

#### **Orthopedic Experience-**

**I spent five years as an emergency room doctor garnering orthopedic experience in an acute care setting. Additionally, the majority of Occupational Medicine done in the outpatient practice at CHEC Medical Center in Seattle and for the many years worked at University MedNet and at Mt. Sinai Medical Center was orthopedic in nature. I spent two years at Ohio City Orthopedics in non-operative management of orthopedic conditions. I worked at University Orthopedics at Chagrin Highlands for three years in 2004 through 2007 also managing non-operatively orthopedic patients.**

**My expertise in musculoskeletal injury care encompasses ordering of tests for the initial diagnosis, pharmaceutical treatment, overseeing rehabilitation and therapy as well as the requesting of**

**Kevin L. Trangle, MD, MBA**

**Page 6**

various injections and pain management procedures as necessary. If the patient needed surgery, at that point in time the appropriate surgeon would be chosen. Following surgery the patient will be referred back for subsequent rehabilitation and a back-to-work reentry program.

My referral sources include claims attorneys, defense attorneys, companies, and the attorney general's office, BWC, TPA, MCO as well as other government agencies in terms of evaluating and offering treatment guidelines for injured workers and parties.

**Jobs, Study and Related Experience:**

**Kevin Trangle & Associates**  
(Formerly IMEx Associates)  
6150 Parkland Blvd., Suite 110  
Mayfield Heights, OH 44124

**9/00- present**

Kevin Trangle & Associates (KTA) is an Occupational Medicine clinical specialty practice that devotes its resources and personnel to consultation services for industry and businesses; attorneys representing injured workers and individuals as well as attorneys representing companies and insurers; government agencies and other organizations. Consultative services include clinical advice, travel clinics, rehabilitation potential, return-to-work plans, treatment protocols, incidence response, and ADA compliance among others. The company uses board certified specialists as needed, with the spectrum of expertise spanning several areas of medical training; including treatment of injured individuals; work related and not.

KTA is involved in setting up, staffing and managing of corporate medical departments within companies, factories and organizations.

**Benefits Advisory Network (BAN)** National Medical Director 4/2012 to 4/2013

BAN is an association of over 50 Health and Disability Insurance Agencies across the US covering more than 4000 companies advising the agencies on best approaches to design and implement health care and disability programs.

As medical director, my responsibilities included a) disability and absenteeism management systems, b) devising strategies for health care cost containment through early disease identification and intervention, wellness promotion, c) utilizing health insurance data analytics to review costs and redesign benefits' plans, and d) staff on-site medical clinics at companies with nurses and doctors

**U.S. HealthWorks, Inc. (USHW)**, Regional Medical Director 3/97 – 9/00  
20690 Lakeland Boulevard  
Cleveland, Ohio 44119

**Kevin L. Trangle, MD, MBA**

**Page 7**

**USHW is a Physician Practice Management Company specializing in occupational health care through a medical network of occupational specialists and clinics. Organization provides safety, ergonomic, audiology, industrial hygiene and regulatory compliance expertise.**

**Injury care and rehabilitation services offered. Company is supported by multi-location clinics, appropriate clinical protocols and outcome measurements. Medical legal consultation and deposition services are offered. Full network of supporting health specialists and hospitals integrated into service offerings.**

**Kevin L. Trangle, M.D.**

**4/95 - 3/97**

**20690 Lakeland Boulevard  
Cleveland, Ohio 44119**

**Trangle & Associates was an organization involved in the Occupational Medicine and Industrial Hygiene field in several areas. It was staffed with occupational physicians, as well as other professionals in the Occupational Medicine field. The company set-up in-plant medical facilities, performs medical-legal examinations and consultations for the insurance and legal industry. In addition, the organization involved in clinical out patient facility treating workers with injuries and advising companies on clinically related medical problems.**

**Business Health Network, Inc., President**

**3/89 - 3/95**

**35000 Kaiser Court, Suite 300  
Willoughby, Ohio 44094**

**Business Health Network was an organization that was involved in the Occupational Medicine and Industrial Hygiene field in several areas. It was staffed with toxicologists, occupational nurses and physicians, as well as other professionals in the Occupational Medicine field.**

**The company set-up in-plant medical facilities, performed medical-legal examinations and consultations for the insurance and legal industry and performed environmental sampling on air, land, soil and water resources. In addition, the organization ran clinical outpatient facilities treating workers with injuries and advised companies on clinically related medical problems.**

**The company owned and ran an environmental testing laboratory specializing in testing of water, air, soil and indoor air quality environments.**

**MEDNET, Partner**

**5/84 - 3/89**

**Director, Occupational Medicine/Immediate Care & Ambulatory Services  
Euclid Clinic Foundation  
18599 Lake Shore Boulevard  
Euclid, Ohio 44119**

**Activities encompassed a broad range of the aspects involved in the practice of Occupational Medicine. Responsibilities included supervising staff, hiring and**

**Kevin L. Trangle, MD, MBA**

**Page 8**

training, program development and implementation, marketing and sales, and most importantly, quality medical delivery. Personal schedule entailed seeing patients with on-the-job injuries, physical pre-placement and periodic examinations, back-to-work status exams, light-duty determinations and others. Much time was spent in specialty consultations and medical-legal determinations such as disability examinations.

**CHEC Medical Centers**  
**Seattle, Washington**

**9/81-5/84**

Founder and President of an ambulatory care center network in Seattle. The group of clinics handled a variety of patients at several clinics with over 50% occupational medicine utilization. Duties included treating patients for on-the-job injuries, as well as, routine screening examinations. I functioned as company physician for several hotel firms as well as large trucking firms. Set up Back Injury Program, CPR/First Aid classes and other wellness activities.

I was active in the medical-legal aspects of Workers' Compensation and a consultant to several attorneys.

**Stevens Memorial Hospital**  
**Edmonds, Washington**  
**Emergency Room physician**

**1/82-6/82**

**Riverton General Hospital**  
**Seattle, Washington**

**2/81-1/82**

Full-time emergency department physician, which included work at other facilities at Overlake and Providence Hospitals

**Medical Consultant Services**  
**Minneapolis-St. Paul and Seattle Areas**  
This was a consultation practice with various attorneys in the areas.

**9/77-3/81**

**Republic of Togalaise, West Africa**  
**Group Leader: Arnold Andersen, M.D.**  
**Founder, Children's Hospitals**  
**Minneapolis, Minnesota**

**3/78-5/78**

I was a leading member of a team of physicians establishing joint medical relations.

**Hadassah Medical School**

**9/77-6/78**

**Harry Jacob, Chairman**  
**University of Minnesota**  
**Minneapolis, Minnesota**

Research work supported with stipend from the Minnesota Medical Foundation

**Swazi Government Hospital**  
**Mbabane Swaziland, Africa**

**9/76-1/77**



**Kevin L. Trangle, MD, MBA**

**Page 9**

**I performed as physician with full responsibilities for treating and managing patients in hospital. Designed, executed and correlated results into publications of immunology research project.**

**National Institute of Health / Clinical Endocrine Program 9/75-1/76  
National Heart-Lung Institute / Hypertension-Endocrine Unit  
Bethesda, Maryland**

**Publications:**

- 1. D.S. Kemp, M. Trangle, and K. Trangle: Anderson Test Assessment of Recemization for the Hydroxybenzotrizole-Dicyclohexylcabodimide Peptide Coupling Procedure. Tetrahedron Letters**
- 2. K. Trangle: Dietary Habits of Adolescents in Sharon, Mass. This paper is part of the collection of surveys being coordinated in a citywide nutrition Assessment by M.I.T. Nutrition Department**
- 3. A.E. Rogers, B.J. Herdon, P.M. Newverne, et al: Induction by Dimethyl-Hydrazide of Intestinal Carcinoma in Normal Rats and Rats Fed High and Low Levels of Vitamin A; Acknowledgment, Cancer Research 33:1003-9, May 1973.**
- 4. K. Trangle, D. Hamarschmidt, P. Craddock, and H. Jacobs: Complement Activation of PMN Aggregation in Parasitic Infections. Abstract, ASCO 5/17.**
- 5. K. Trangle, M. Goluska, M. O'Leary, S. Douglas: Schistosomiasis, Blood Groups, and Secreter Status - Parasite Immunology, 1:133-140, 1979.**
- 6. N. Radfar, K. Trangle: Dexamethasone Treatment for Congenital Adrenal Hyperplasia-National Institute of Health.**
- 7. Fallon Jr., L. Fleming, Awosika-Olumo, Adebawale; Trangle, Kevin L: Case Study- Idiopathic Pulmonary Fibrosis (Cover story). Journal of Controversial Medical Claims, Aug2004, Vol. 11 Issue 3: P1, 6p.**
- 8. Trangle, Kevin L, Fallon Jr., L. Fleming, Awosika-Olumo, A: Primary Multiple Drug-Resistant Tuberculosis: A Case Report. Journal of Controversial Medical Claims: May2004 Vol. 11 Issue 2, P15, 5p.**
- 9. Trangle, Kevin L, Fallon Jr., L. Fleming, Awosika-Olumo, a: Deltoid Muscle Atrophy Secondary to Hepatitis B Injection? A Case Report: Journal of Controversial Medical Claims. Feb2004, Vol. 11, Issue 1, P9, 4p.**
- 10. Awosika-Olumo, Adebawale; Fallon Jr., L. Fleming: Crush Syndrome: A Lesson in Risk Management: Journal of Controversial Medical Claims. Nov2002, Vol 9 Issue 4, P8, 4p, 2 charts**
- 11. Awosika-Olumo, Adebawale, Fallon Jr., L. Fleming, Trangle, Kevin L: The Connection between Stress and Peptic Ulcer Disease: Case of Mistaken Relationship: Journal of Controversial Medical Claims, Aug2002, Vol.9, Issue 3, P8, 5p.**
- 12. Fallon Jr., L. Fleming, Awosika-Olumo, Adebawale, and Trangle, Kevin L: Reactive Airways Disease: A Need for Caution in a Medico legal Case Review Brief: Journal of Controversial Medical Claims, May 2002, Vol. 9, Issue 2, p10, 5 p, 1 chart.**
- 13. Fallon, LF, Awosika-Olumo, A, Trangle, KL. (2005): Brucellosis in a Supermarket Neat Cutter. Journal of Controversial Medical Claims, 12(2), 1-5.**
- 14. Trangle Kevin L, Awosika-Olumo Adebawale, L. Fleming Fallon, Jr.: Occupational Exposures and Medical Treatments: An Example of Synergy: Journal of Controversial Medical Claims, August 2005, Vol. 12, No. 3, pgs. 1-6.**

**Kevin L. Trangle, MD, MBA**

**Page 10**

15. Awosika-Olumo AI, Trangle KL. Post-traumatic fibromyalgia: a review. African Newsletter 3/1999 p.76-79.
16. Awosika-Olumo AI, Trangle KL, Fleming F. Microorganism induced Skin Disease in Workers Exposed to Metalworking Fluids; Occupational Medicine, 2003 (15): pages 35-40.

**National Awards and Grants:**

National Merit Scholarship  
National Science Foundation Scholarship  
Alpha Omega Alpha Scholarship Award  
Minnesota Medical Foundation Research Grant  
Schistosomiasis Research Grants

**Organizational Memberships:**

American College of Occupational and Environmental Medicine  
American Medical Association  
Cleveland Academy of Medicine  
Ohio State Medical Association  
American Academy of Disability Evaluation Physicians  
American College of Preventive Medicine  
American Society of Internal Medicine  
American Society of Addiction Medicine

**Presentations:**

- Ohio Bar Association 1994, American Disability Act.
- Cuyahoga bar Association 1993, Substance Abuse in the Workplace.
- Ohio Association of Trial Attorneys 1992, Cumulative Trauma Disorders.
- Mt. Sinai Grand Rounds 1994, Lead Intoxication.
- TriState Occupational Medicine 1993, Scope of Occupational Medicine.
- American College of Occupational and Environmental Medicine 1992, Occupational Medicine in the Clinic Setting.
- Ohio Self-Insured Employer Annual Meeting, Cleveland 1993, Permanent Partial Impairment and Use of the AMA Guide.
- Industrial Commission/Attorney General - Workers' Compensation Division 1992-1993, Seminar Series on Medical Issues (monthly) for Lawyers and Hearing Officers.
- Cuyahoga Bar Association 1994, Cervical Spinal Injuries
- Presentation - Cervical Spine Disease, December 2, 1994
- Presentation - Workers Compensation, December 8, 1995
- Seminar - ADA Presentation, October 11, 1996
- Seminar - Managed Care Occupational Medicine Presentation, November 8, 1996
- Presentation – Workers' Compensation in Ohio, October, 1999
- Presentation- OSHA VPP Award for Millennium 2004
- Presentation- OSHA Best of Practices Award for Health Care Program 2004
- Carpal Tunnel Syndrome, First Energy and TPA Conference, November, 2005
- Reflex Sympathetic Dystrophy- DMEC Ohio, January, 2006-01-06
- Ohio Self Insured Associations presentation on Substantial Aggravation, June 2006



**Kevin L. Trangle, MD, MBA**

**Page 11**

- **Ohio Self Insured Association Presentation of Health Care Cost Containment, June 2006**
- **Presentation Attorney General and Hearing Officers on RSD and Substantial Aggravation, September 2007**
- **Central Ohio Self Insured Association Presentation on RSD, November 2007**
- **Reflex Sympathetic Dystrophy Presentation at Ohio Self Insured Association Day, January 2008**
- **Reflex Sympathetic Dystrophy Presentation for Annual Meeting of Case Managers in Ohio, April 2008**
- **Workers' Compensation Panel Presentation for Employers, May 2008**
- **Raising the Bar; Presentation on the IME in Workers Compensation Cases; Columbus, Ohio, April 29, 2010**
- **Nationwide Mock Trial and Deposition Training Seminar; Instructor and Presenter for Advanced Trial Attorney Seminar; Columbus, Ohio, July 26-28, 2010**
- **Expert Witness Skills Presentation for Progressive Attorneys Group; Cleveland, Ohio, April 15, 2011**
- **Peel Holland Workshop on Preventive Medicine, Paducah, Kentucky; October 10, 2012**
- **BAN Wellness Workshop: Scottsdale, Arizona; February 11, 2013**
- **BAN Data Analytics Workshop; Scottsdale, Arizona; February 12, 2013**
- **Case Western Reserve University Guest Lecturer: Data Informatics in Healthcare; February 20, 2013**
- **Nationwide NITA Conference Presenter; Advanced Trial Attorney Seminar; Columbus, Ohio, March 19, 2013**
- **COSIA presentation: Functional Capacity Evaluation – Uses and Indications; Columbus, Ohio; March 22, 2013**
- **BAN Webinar Presentation: Collecting Medical Claims Data & Evaluating Outcomes; May 15, 2013**
- **COSIA Education Day Presentation: Work-Related Injuries and Fitness for Duty; Lewis Center, Ohio; March 27, 2014**
- **Self-Insurers Group of Ohio (SIGO) Presentation: Beyond Expectations; Sandusky, Ohio; June 14, 2013**
- **BAN Webinar Presentation: Designing Health Plan Incentives; July 17, 2013**
- **Webinar Presentation: Affordable Care Act; November, 6, 2013**
- **ACOEM Webinar Presentation: Best in Class Wellness Vendors; February 12, 2014**
- **Nationwide NITA Conference Presentation/Workshop: Advanced Trial Attorney Seminar; Columbus, Ohio; March 11, 2014**
- **AOHC Meeting Presentation; Risk Management: San Antonio, TX; April 26, 2014**
- **Case Western Reserve University Guest Lecturer: Data Informatics in Decision Making, Choosing the Right System; Cleveland, Ohio; November 14, 2014**
- **Case Western Reserve Law School Presentation, Seminar and Workshop: Substantial Aggravation & Flow-Through Injuries; Cleveland, Ohio; February 15, 2015**
- **AOHC Conference Presentation: Computer Systems in Occupational Medicine; Baltimore, M.D.; May 4, 2015**
- **Cleveland Bar Association: Marijuana and Opiate Abuse; Policy and Prevention. Cleveland Ohio; 05/11/2016;**

**Kevin L. Trangle, MD, MBA**

**Page 12**

- **BAE presentation; Corporate Substance Abuse Policies in light of Legalization of Marijuana and Opiate Epidemic; Arlington, Virginia; 05/17/2017**
- **Preparation and presentation on COVID-19 safe operations for schools in the pandemic times, including manual, video and presentation surrounding this, 08/17/2020.**
- **Presentation for two nursing home associations regarding OSHA compliant with respirator protection program in light of pandemic practices, 10/06/2020.**
- **Presentation of traumatic brain injuries on 10/17/2020 ABIME.**
- **Presentation of Safe Practices in Pandemic Times to Ohio Mental Health and Addiction Services, 11/20/2020.**

## CURRICULUM VITAE

MICHAEL WILLIAM DEVEREAUX, M.D.

### PROFESSIONAL DATA:

Professor of Neurology  
Case Western Reserve University  
University Hospitals Case Medical Center  
Dept. of Neurology  
11100 Euclid Avenue  
Cleveland, OH 44106  
Telephone: 216-844-3591  
Fax: 216-844-3160  
E-mail: michael.devereaux@uhhospitals.org

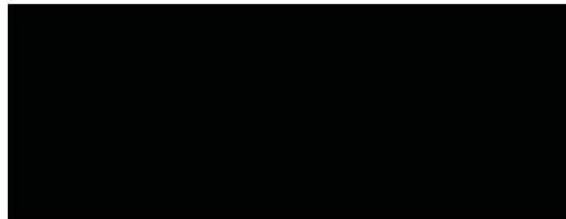
### PERSONAL DATA:

RESIDENCE:

DATE OF BIRTH:

MARITAL STATUS:

SOCIAL SECURITY NUMBER:



### EDUCATION:

1960-1964

1964-1968

Stanford University, BA Biology

Baylor College of Medicine, M.D.

*Internship*

1968-1969

Los Angeles County/University of Southern California  
(LAC/USC) Medical Center, Mixed Medicine

*Residency*

1969-1972

LAC/USC Medical Center, Neurology

*Fellowships*

1972-1973

Neuro-ophthalmology, LAC/USC Medical Center  
(James R. Keane, M.D.)

M. Devereaux, M.D.  
Curriculum Vitae  
2

1975-1976	NIH Fellow: Clinical Neurophysiology, Neurological Institute Columbia College of Physicians and Surgeons New York City, New York (Eli Goldensohn, M.D.)
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<i>Other</i> 1996	Physician Executive Institute, Weatherhead School Case Western Reserve University
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**HONORS:**

1960-1964	Sloan & California State Scholarships (College)
1989	Teaching Excellence Award, Mt. Sinai Medical Center
1988-1989	Leadership Cleveland: selected for membership
1993	Legacy Award Epilepsy Foundation of America, Northeast Ohio Chapter for exceptional service
1996 - present	Best Physicians in America
1999 - present	Top Doctors in America – Center for the Study of Services
2003	Teaching Program Award – UHHS Richmond Heights Hospital
2010 & 2011	Health Care Heroes Finalist (Crain's Cleveland Business)
2011	Robert Daroff Teaching Excellence Award Dept of Neurology University Hospitals Case Medical Center
2012	Elected to membership of the American Neurological Association
2013	The Dennis M Landis Teaching Excellence Award Dept. of Neurology University Hospitals Case Medical Center

<b>LICENSURE:</b>	State of Ohio: 1977-present
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<b>CERTIFICATION:</b>	American Board of Psychiatry & Neurology, February, 1975 American Board of Clinical Neurophysiology, (EEG), 1977
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**PROFESSIONAL BACKGROUND:**

ACADEMIC APPOINTMENTS:

1971-1972	Chief Resident, Neurology LAC/USC Medical Center
1972-1973	Clinical Instructor, Neurology LAC/USC Medical Center
1973-1974	Senior Instructor, Neurology Hahnemann Medical School Philadelphia, PA
1974-1975	Clinical Assistant Professor Neurology Hahnemann Medical School Philadelphia, PA
1976-1977	Assistant Professor Clinical Neurology, Columbia College of Physicians and Surgeons New York City, NY  Harlem Hospital New York City, NY

M. Devereaux, M.D.  
Curriculum Vitae  
3

- Director, Electroencephalography Laboratory
- Attending Neurologist, Columbia Neurology Service

1977-1986	Assistant Professor of Neurology Case Western Reserve University Cleveland, OH
1978-1997	Chief, Division of Neurology Mt. Sinai Medical Center
1984-1997	Associate Director, Department of Medicine Mt. Sinai Medical Center Cleveland, OH
1986-1996	Associate Professor of Neurology Case Western Reserve University Cleveland, OH
1993-1997	Chief of Staff Mt. Sinai Medical Center Cleveland, OH
1996 - Present	Professor of Neurology Case Western Reserve University Cleveland, OH
2000 - 2006	Vice President for Clinical Integration, University Hospitals of Cleveland
2000 – 2008	Chief Medical Officer University Hospitals Richmond Medical Center Richmond Heights, OH

**MILITARY SERVICE:**

6/1/73-6/30/75	Navy - Philadelphia Naval Hospital (Neurology Section)
6/1/74-6/30/75	Chief, Neurology Section – (rank, Lieutenant Commander) Philadelphia, PA Honorable discharge

**SOCIETY MEMBERSHIPS:**

1969	American Academy of Neurology - Fellow
1992-2003	American Academy of Neurology <u>Continuum</u> Journal
1992-2003	Editorial Board, <u>Continuum</u>
1996-2003	Associate Editor, <u>Continuum</u>
1992-1996	<u>Continuum</u> Test Item Review Task Force
1982-Present	American College of Physicians (Fellow)
1982-Present	American Electroencephalographic (EEG) Society, 1977 (now American Clinical Neurophysiology Society) – Fellow
1987-1995	Member, Practice of EEG Committee
1990-1992	Ad Hoc Committee of the American EEG Society Merger of American EEG Society & American Medical EEG Society
1985-1990	Central Association of Electroencephalographers



M. Devereaux, M.D.

Curriculum Vitae

4

1978-Present	American Epilepsy Society - Fellow
1983-1990	Physicians for Social Responsibility
1983-1992	American Association for Advancement of Science
1985-Present	Cleveland Academy of Medicine
1996-2002	Board of Trustees (elected X2)
1986-2000	Ohio State Medical Society
1985-1995	North American Neuro-ophthalmology Society
1982-Present	Innomatum Society (invited)
1998-Present	Pasteur Society (invited)
2002-2005	American College of Physician Executives
2012	American Neurological Association

#### COMMITTEES:

THE MT. SINAI MEDICAL CENTER  
CLEVELAND, OH

1978-1993	Continuing Medical Education, Department of Medicine
1980-1989	Medical Advisory, Department of Medicine (Appointed)
1989-1992	Medical Advisory, Department of Medicine (Elected)
1980-1997	Medical Library Advisory
1987-1990	Chairman
1991-1993	Vice-Chairman
1994-1997	Co-Chairman
1983-1984	Medical Society
1983-1984	Executive Board (Elected)
1988-1990	Treasurer (Elected)
1993-1997	President (Elected)
1979	Search Committees
1979	Chairman, Dept. of Orthopaedics
1980	Chairman, Dept. of Surgery
1987	Chairman, Dept. of Dentistry
1990	Chief - GI Section, Department of Medicine
1977-1993	Utilization Review
1988-1997	Haas Fund (Board of Trustees Committee).
1984-1992	Medical Ethics (Board of Trustees Committee).
1991-1997	Mt. Sinai Physician Association (PHO) Board of Directors
1991-1994	Mt. Sinai PHO Executive Board
1990-1993	Mt. Sinai IPA, Treasurer
1992-1993	Credentialing Committee, Chairman
1993-1997	Credentialing Committee, Board Member (elected)
1993-1997	Mt. Sinai PHO Quality Assurance
1989-1997	Department of Medicine - Division Chiefs Committee
1992-1997	Medical Executive Committee (elected)
1993-1997	Chairman MEC (elected X 3)
1993-1997	Chief of Staff (elected)
1993-1995	Strategic Planning Committee
1994-1995	Quality Improvement Steering Committee, Sponsor, Nursing Home Sub-Committee
1993-1997	Co-Director, Department of Nursing Assessment and Utilization
1993-1997	Board of Trustees – Member Sub-committees: Finance, Medical Affairs
1993-1997	Executive Management Group (CEO, COO, CFO, COS, Sr VP Medical Affairs) (Chairman, July 1996 - June 1997)
1994-1996	(Health Care Management Committee)
1994-1996	Urban Strategy Committee
1995 (January)	AMA Hospital Medical Staff Leadership Conference

M. Devereaux, M.D.

Curriculum Vitae

5

1995-1997	Quality Management Council
1995-1997	Clinical Quality Improvement Committee
1993-1996	Member, Board of Trustees, Mt. Sinai Medical Center
1993-1997	Medical Affairs Committee
1996-1997	Transition and Strategic Planning Committee after sale of hospital to PHS
1996-1997	Member, Board of Trustees, PHS Mt. Sinai

CASE WESTERN RESERVE UNIVERSITY/UNIVERSITY HOSPITALS OF CLEVELAND  
CLEVELAND, OHIO

1986-1987 & 1993-2001 1985-1997	Department of Neurology Committee on Promotions, Appointment and Tenure Director, CWRU Medical School, Neurology Core Clerkship Mt. Sinai Medical Center
1984-1985	Department of Neurology, Ad Hoc Committee for Guidelines for Appointment to Clinical Clerkships
1984-1985	Task Force, Patient-Based Programs, Clerkships
1986-1989	Faculty Council CWRU (elected)
1986-1987	AD HOC Committee to revise Standing Committee AD HOC Committee for Ambulatory Teaching
1988-1989	Steering Committee (elected)
1989	Search Committee Dean of the Medical School
1987-1990	Clinical Faculty Advisory Council to the Dean
1992-1993	Organizational Committee for Symposium-Behavioral Symptoms in Dementia: Theories and Therapies
1996	Committee on Graduate Medical Education
1999	Search Committee: Chief of Anesthesiology
1998-2005	Department of Neurology Clinical Affairs Committee
2000-2002	Faculty Senate CWRU – (elected)
2000-2006	Quality Council, UHHS Network
2004-2007	Case Western Reserve University - Bylaws Committee
2006-2011	Member Neurologic Institute Co-Chair of General Neurology Section
2008-Present	Member Leadership Group Department of Neurology
2009-2014	Director Epilepsy/EEG-8 week twice yearly course
2010-Present	Director of Resident Continuity Clinic UHMC
2010-2012	Faculty Council CWRU Medical School (elected)

UH RICHMOND MEDICAL CENTER

2000-2008	Medical Director/Chief Medical Officer
	Member Multiple Committees and Leadership Team
2000-2002	Director of Rehab
2000-2008	Director of Office of Medical Affairs (Separate resume available)
2010-2011	Psychiatry Unit Neurology Teaching Rounds

OTHER:

1979-1990	Examiner, American Board of Clinical Neurophysiology
1985 -2010	Examiner, American Board of Psychiatry & Neurology Senior Examiners 2004-2010
1986-1995	Written Board Examination Committee for American Board of Psychiatry and Neurology
1984-1989	25 <sup>th</sup> Ohio Senate District Health Care Advisory Council (State Senator Lee Fisher)



M. Devereaux, M.D.

Curriculum Vitae

6

1985-1991	Health Systems Agency of North Central Ohio, Project Review Committee Alzheimer's Association, Cleveland Chapter
1982-Present	Innominatum Society (by invitation)
1986-1987	Professional Advisory Board, Member
1987-1993	Executive Board
1988-1993	Professional Advisory Board, President
1993-Present	Professional Advisory Board, ex officio
1986-1996	Professional Advisory Board, Multiple Sclerosis Society, NE Ohio Chapter
1986-Present	Epilepsy Association of NE Ohio (Prior to 2003 Epilepsy Foundation of Northeast Ohio)
1986-Present	Professional Advisory Board
2004-2006	President Professional Advisory Board
2006-2008	Vice President Board of Trustees
2008-2010	President Board of Trustees and member of multiple committees of the Board
2010-Present	Past President Board of Trustees and member Executive Committee
1989	Committee to design display for Cleveland Health Museum
1987-1988	Blue Cross/Blue Shield Mutual of Northern OH (BCBSMNO), Consultant for Neurology
1991-1989	PEER Review Committee, Academy of Medicine, Cleveland
1988-1989	Leadership Cleveland (selected)
1994-2003	Cleveland Medical Library Association
1997-2002	Oversight Committee for Dittrick Museum
1994-2003	Board of Trustees – (elected)
1999	Secretary-Treasurer
2000-2001	President Elect
2001-2002	President
2002-2003	Post President/Chairman Nominating Committee
1997-2003	CWRU Library Visiting Committee
1992-2002	Planned Parenthood of Greater Cleveland Board of Trustees
1993	Nominating Committee, Member
1994-1996	Education Committee, Chairman
1996-2002	Executive Committee
1997-1999	Vice-President
1999-2001	President (2 ½ years)
1997-1999	Managed Care Committee, Chairman
1997-1999	Public Affairs Committee
1996-2002	Board of Directors, Cleveland Academy of Medicine (elected X2)
1996-2003	Board of Trustees, Medical Center Company (appointed)
1996-1998	Coalition to Monitor Medicare Managed Care
1997	Public Policy Task Force
1997-Present	FDA Center for Devices and Radiological Health, Special Government Employee - FDA Panel for Evaluation of Vagal Nerve Stimulator
March 3, 2003	Invited guest - Senator George Voinovich Healthcare Panel
2010-Present	Examiner REEGT Certification Examinations Alzheimer's Association, Cleveland Chapter
2004-2007	Director MDG, Inc.
2003-Present	Medical Director Sleep Med/Digitrace
2003-2007	Board of Directors Stratigent Inc.
2004	Committee of Doctors for Kerry – Chairman
2005-2006	ICAM Committee Case Medical School (appointed).
2005-2010	Doctors Organized for Health Care Solutions (Co-Founder and Chairman Steering Committee)
2010-Present	Co-Chairman Steering Committee



M. Devereaux, M.D.  
Curriculum Vitae  
7

2007-Present

Consultant for Best Doctors Inc.

**LECTURESHIPS/LECTURES:**

1. Western Neurological Association, Neural Control of Respiration, 1972.
2. University of Southern California, Los Angeles: Neurology for Internists, Continuing Education Course "Evaluation of the Comatose State", 1972.
3. Eleventh Annual Symposium on Critical Care Medicine and Circulatory Shock, Los Angeles, California "Evaluation of the Comatose Patient", 1973.
4. Bascom Palmer Neuro-ophthalmology Meeting, Eye Findings in "Ondine's Curse", 1973.
5. New Jersey Neuropsychiatric Institute Annual Seminar, "Management of Children with Learning Disabilities", April, 1977.
6. Epilepsy Meeting: Rancocas Valley Hospital, Willingboro, NJ. Guest Speaker. "Pharmacology of Anticonvulsants" November 15, 1978.
7. Medicine 79, Case Western Reserve University, Cleveland, OH. "Neurologic Aspects of Syncope".
8. May Symposium "Brain and Mind", College of Jewish Studies, May 15, 1979.
9. MS Society Annual Meeting, Cleveland, OH. "Multiple Sclerosis: An Update" May 19, 1979.
10. Sinaiscope, "Stroke: A Modern Approach to Patient Care", December 17, 1980.
11. Medical Therapeutics Conference. "Rehabilitation for Stroke" Case Western Reserve University, December, 1980.
12. John Carroll University Senior Biology Seminar, Cleveland, OH "Concepts in Neurobiology" October 21, 1980.
13. First Annual Ohio Health Practitioners Conference, Cleveland, OH "Update on Treatment of Sleep Disorders" September 11, 1981.
14. Ohio Chapter American College of Physicians 10th Annual Meeting, Columbus, OH. "Percutaneous Endoscopic Gastrostomy for Prolonged Nutritional Support in Severely Neurologically Impaired Patients" September 24, 1982.
15. American Academy of Neurology Meeting-Dinner Seminar on EEG Interpretation: How to report an EEG, April, 1983.
16. "Controversies and Strategies in the Management of Cardiac and Vascular Disease". Carotid Artery Disease and TIA: Controversies in Treatment. Sun Valley, Idaho March 1-8, 1986.
17. Charcot Foot, Podiatry Review Course, Cleveland, OH, 1986.
18. Mt. Sinai Mediscope Series: "Understanding and Relieving Pain", May 10, 1979. "Headache", April 28, 1987 "Aging and the Brain", 1989" Neurology Update", 1993.
19. Lecture to Sociology Class "Influence and Persuasion in the Modern World", Cleveland State University, April 27, 1987.
20. BP America Seminar, "Alzheimer's Disease", November 12, 1987.
21. Second Annual Update Presented by University Hospitals of Cleveland, Selected Topics in Epilepsy --

M. Devereaux, M.D.

Curriculum Vitae

8

- "Seizures and Driving: Medico-Legal and Psychological Issues", February 27, 1988.
22. Multiple Sclerosis Research Treatment and Management Seminar, Case Western Reserve University/N.E. OHIO Chapter of MS Society Lecture: "Establishing a Partnership with the Patient", June 8, 1989.
  23. Sleep: A Pleasure with Pitfalls, Seminar Mt. Sinai, December 13, 1989.
  24. Multiple Sclerosis an Update Course Director, Sponsor: Mt. Sinai/Case Western Reserve University Lecture: "Establishing a Partnership with the Patient", January 31, 1990.
  25. "Research Frontiers in Alzheimer's Disease", Alzheimer's Center, University Hospitals of Cleveland & The Alzheimer's Association, May 29, 1991.
  26. "Amaurosis Fugax", Neuro-ophthalmology (Seminar) Department of Neurology, Case Western Reserve University, June 7, 1991.
  27. "Final Exit" Lecture and Panel Discussion on issues of Death and Dying: Seminar sponsored by JCC, November 13, 1991.
  29. Gait Disorder in the Elderly. Seminar in Geriatrics Medicine, Meridia Hospitals, March 10, 1992.
  30. "The Dementias" Seminar sponsored by The Alzheimer's Association, March 10, 1992.
  31. "Death and Dying in America" Seminar, April 6, 1992
  32. "Antithrombogenic Agents in Neurology", Neurology Grand Rounds, University Hospitals, March 6, 1992.
  33. "Aspirin, etc.". The Cleveland Clinic Grand Rounds, April 13, 1992.
  34. "Ohio Living Will Program: Patient Rights and Responsibilities", Suburban Temple, April 29, 1992.
  35. "Alzheimer's Disease and Related Disorders", Health Science Special Lecture, Cleveland State University, May 13, 1992.
  36. "Alzheimer's Disease and Related Disorders", Special Lecture, Southwest General Hospital, June 17, 1992.
  37. "Dementia", NASA, Cleveland, Ohio, January 28, 1993.
  38. Course Director and Moderator Neurology Section of Medicine Spring 1993, CWRU/UH. Lecture: "Aspirin in the Treatment of Neurological Problems" (moderator of 7 other lectures).
  39. "The Dementias", CSU undergraduate course in health policy, 1993.
  40. "The Dementias", Parma Community Hospital, Parma, Ohio, September 14, 1993.
  41. "The Neurobiology of Sleep" Menorah Park, October 17, 1993.
  42. "The Dementias", CSU undergraduate course in health policy, May 18, 1994.
  43. "Stroke", Cleveland Chapter American Academy of Family Practice, October 12, 1994.
  44. "Headaches: Why you get them and what you can do", Mt. Sinai Health Care System, June 28, 1995.
  45. "Changing Patterns of Physician Involvement in Health Care Management", graduate class on Health Care Organization, Cleveland State University MBA Program, January 16, 1996.
  46. "Acute Back Pain", American Academy of Neurology Meeting, March 30, 1996.
  47. "Acute Back Pain: An Approach", Course Director, Moderator and lecturer Neurology Section, CWRU/UH. May 14, 1996. (moderator of 5 other lectures).
  48. "Stroke: Risk Factors and Treatment Issues", 5<sup>th</sup> Annual Medicine Course, Deaconess Hospital, May 22, 1996.
  49. Epilepsy Part I: Classification, Differential Diagnosis and Etiology of Epilepsy, Family Practice Residents,



M. Devereaux, M.D.

Curriculum Vitae

9

University Hospitals, September 3, 1996.

50. Epilepsy Part II: Diagnosis and Treatment of the Epilepsy's, Family Practice Residents, University Hospitals, September 12, 1996.
51. Acute Back Pain for the Internist, St. Luke's Hospital, Medicine Grand Rounds, April 13, 1997.
52. "Acute Back Pain" (invited lecturer), American Academy of Neurology meeting, Boston, May, 1997.
53. "Headaches" (lay lecture), R.H. Myers Apartments, May 21, 1997.
54. "Acute Low Back Pain Treatment Options", The Cleveland Clinic Foundation, Neurology Grand Rounds, September 10, 1997.
55. "Clinical Update on the Approach to the Management of Epilepsy", Mt. Sinai East, January 21, 1998.
56. "Anticonvulsant Drugs", Mt. Sinai East, January 30, 1998
57. "Office Management of Acute Low Back Pain in a Primary Care Setting, " University Suburban Health Center Grand Rounds, March 17, 1998.
58. "Multiple Sclerosis: An Overview and Approach to Treatment" Combined Therapies Lecture. April 21, 1998.
59. "The Dementias," Mini-symposium Geauga Community Hospital, October 7, 1998.
60. "Neurology and Choice" 26<sup>th</sup> Annual Roe v Wade Lecture, City Club, January 21, 1999.
61. "Kevorkian vs. Quill – Dying in America," Memorial Society of Cleveland, May 16, 1999.
62. "The Dementias," Medical Grand Rounds, Providence Hospital, Sandusky, Ohio, May 20, 1999
63. "Multiple Sclerosis Treatment – Update," Multiple Sclerosis Society, May 19/20, 1999.
64. "Women and Epilepsy – Special Issues," Course: "Neurology for the Non-neurologist", Department of Neurology, Case Western Reserve University, November 6, 1999.
65. "Dying in America." Symposium, Unitarian Society , January 23, 2000.
66. "Chiropractic Cervical Manipulation – Risks," Neurology Grand Rounds, University Hospitals of Cleveland, Case Western Reserve University, February 24, 2000.
67. "Benign EEG Variants with Epileptiform Features," EEG Seminar, Case Western Reserve University, April 24, 2000.
68. "The Neuro-ophthalmologic Complications of Chiropractic Cervical Manipulation," " Neuro-ophthalmologic Symposium honoring the career of James R. Keane, M.D. USC Medical Center, Los Angeles, California, May 6, 2000.
69. "Introduction" Epilepsy from Nascence Through Senescence (Seminar) November 4, 2000.
70. Epilepsy Emergencies, UHHS/Richmond Heights Hospital, November 9, 2000.
71. Epilepsy in the Elderly, Quality of Life Issues – Seminar, Epilepsy Foundation of Northeast Ohio, November 10, 2000.
72. "Multiple Sclerosis, an Update for the Internist Medicine Grand Rounds," University Hospitals of Cleveland, Case Western Reserve University, December 12, 2000.
73. "MS – An Update." Neuroscience Grand Rounds, University Hospitals of Cleveland, Case Western Reserve University, January 12, 2001.
74. "Multiple Sclerosis Issues for the Internist," Medicine University Suburban Health Center, Grand Rounds.

M. Devereaux, M.D.  
Curriculum Vitae  
10

January 18, 2001.

75. Anti-epileptic Drug Use During Pregnancy and Effects on Hormones. Symposium: Anti-epileptic Drugs in the Decade of the Brain and for the New Millennium. CWRU School of Medicine. February 17, 2001.
76. Systematic approach to Back and Neck pain. May 10, 2001. AAN annual meeting (breakfast seminar), Philadelphia, PA.
77. Practical Approaches to Treating Lower Back Pain. Symposium sponsored by American Academy of Pain Medicine. Memphis, TN. May 12, 2001.
78. Practical Approaches to Treating Lower Back Pain. Symposium sponsored by American Academy of Pain Medicine. Universal City, CA. May 19, 2001.
79. Practical Approaches to Treating Chronic Lower Back Pain. June 2, 2001. Symposium sponsored by the American Academy of Pain Medicine. Coral Gables, FL.
80. Special Epilepsy Issues in Women in the Reproductive Years. OB-Gyn Grand Rounds, University Hospitals of Cleveland/CWRU. June 20, 2001.
81. Epilepsy in Older Individuals. Cleveland Clinic/Northeast Ohio Epilepsy Foundation Seminar. July 10, 2001.
82. Anticonvulsant Therapy in Epileptic Women in the Reproductive Years. Reproductive Physiology Lecture Series, MetroHealth General Hospital, September 4, 2001.
83. Multiple Sclerosis: An Update. University Hospitals Regional Grand Rounds (televised), October 24, 2001.
84. Disorders of Arousal (The Hypercretin Story). Neurology Grand Rounds, University Hospitals of Cleveland, September 21, 2001.
85. Women and Epilepsy, Special Issues. Dept. of Family Practice Seminar, UHHS Richmond Heights Hospital, September 17, 2001.
86. Epilepsy – Case Vignettes. Ohio University College of Osteopathic Medicine – Regional Student Education Day, UHHS Richmond Heights Hospital. February 14, 2002.
87. Migraine – Planned Parenthood of Greater Cleveland area-wide conference. February 15, 2002.
88. Migraine in Women: PPCG/Cleveland Ohio – Lecture to Clinical Nurse Practitioners etc. February 15, 2002
89. Neck and Back Pain - Case Studies. Texas Neurological Society, Fifth Annual Winter Conference. Austin, Texas. February 23, 2002.
90. Multiple Sclerosis – An Update. Seminar sponsored by MSAA, June 22, 2002.
91. Epilepsy and Women in their Reproductive Years – EFNEO Sponsored Seminar at Metropolitan Hospital, Cleveland. November 22, 2002.
92. Post Ictal Phenomenology (“PIP”) – Neurology Grand Rounds - University Hospitals of Cleveland. November 22, 2002.
93. MS an Update – Ohio University College of Osteopathic Medicine Regional Student Education Day – UHHS Richmond Heights Hospital. February 13, 2003.
94. The Triptans in the Treatment of Migraine – Dinner Meeting – Sponsor Pfizer. April 24, 2003.
95. The Misdiagnosis of Migraine – Noon Lecture – Sponsor Pfizer – Lake West Hospital. May 09, 2003.
96. Update on Diagnosis and Treatment of Migraine – Dinner Meeting – Sponsor Pfizer June 11, 2003. June 11, 2003.



M. Devereaux, M.D.  
Curriculum Vitae  
11

97. The Misdiagnosis of Migraine. Bedford Hospital Grand Rounds. June 25, 2003.
98. Migraine: Diagnosis and Treatment. UH/UHHS Grand Rounds (Televised) – September 10, 2003.
99. Improving Diagnosis and Optimizing Treatment of Migraine. USHC Clinical Forum October 16, 2003.
100. Multiple Sclerosis – An Update. Meeting sponsored by Baylor College of Medicine, Phoenix, Arizona, October 04, 2003.
101. Anticonvulsant Compliance – North East Ohio Epilepsy Foundation. November 7, 2003.
102. Migraine Presentation – Sponsored by GlaxoSmithKline – Matrix. November 12, 2003.
103. Improving Diagnosis and Optimizing Treatment of Migraine. Neurology for the Non Neurologist – November 15, 2003.
104. MS and Complimentary and Alternative Medicine (CAM) – Sponsored by Biogen – December 6, 2003.
105. The Migraine Patient and Available Treatment Options. UHHS Memorial Hospital Geneva-Grand Rounds February 06, 2004.
106. Low Back Pain. UH/UHHS General Neurology Lecture. May 28, 2004.
107. Multiple lectures to intern and residents morning conferences-Richmond Heights Medical Center – Topics include Epilepsy Manuscript, Multiple Sclerosis and Coma. 2000-2009.
108. New Options in Migraine Treatment – Sponsored by Pfizer – May 12, 2004
109. Migraine – An Update – Neurology Grand Rounds – University Hospitals of Cleveland. May 28, 2004.
110. Epilepsy Potpourri - Epilepsy Association of NE Ohio - Annual Meeting - Union Club. June 6, 2004.
111. Sleep Disorders – Sleep Seminar for Polysomnograph Technicians. – Richmond Heights Hospital. August 6, 2004
112. Epilepsy – Emergency Care EMS Conference – Richmond Heights Hospital – August 13, 2004.
113. Heparin in stroke Pros and Cons (One of four participants – specific topic history of heparin use in stroke) – Grand Rounds – September 3, 2004.
114. The Many Faces of Epilepsy - Epilepsy Association Fall Forum – Epilepsy Association of NE Ohio– November 3, 2004.
115. Multiple Sclerosis Treatment 2004: Science and Sorcery – Neurology for the Non-Neurologist UHCMC Department of Neurology – Cleveland Hilton East – December 4, 2004.
116. Migraine – Improving Diagnosis – Medicine Grand Rounds – University Hospitals. December 14, 2004.
117. Update on MS – Ohio Annual Osteopathic Meeting - Embassy Suites – December 21, 2004.
118. Migraine – Pfizer Sponsored Lecture– January 20, 2005.
119. Migraine – Pfizer Sponsored Lecture – March 16, 2005.
120. Migraine – Improving the Diagnosis – Lecture Sponsored by GlaxoSmithKline – March 31, 2005.
121. Migraine, Sinus and Tension Headache. Differential Diagnosis and Treatment – Grand Rounds - Huron Road Hospital – April 4, 2005.
122. Neuroophthalmologic Manifestations of Multiple Sclerosis – Round Table Discussion – Presented with Robert Tomsak, M.D., Ph.D. May 23, 2005 at Flower Restaurant.
123. Migraine – Improving the Diagnosis - Lecture Sponsored by Pfizer May 26, 2005.

M. Devereaux, M.D.  
Curriculum Vitae  
12

124. Epilepsy for the EMT – Richmond Heights Hospital - July 14, 2005.
125. Migraine – Improving the Diagnosis - Lecture Sponsored by Pfizer, August 17, 2005.
126. Migraine – Improving the Diagnosis - Lecture Sponsored by Pfizer, September 14, 2005.
127. Coma – UH Richmond Heights – September 16, 2005.
128. Migraine – Improving the Diagnosis – Lecture Sponsored by Pfizer, September 28, 2005.
129. Migraine – Improving the Diagnosis – Lecture Sponsored by Pfizer, September 30, 2005 Ashtabula Clinic.
130. Introduction to Epilepsy – Neuroscience Core Clerkship Lecture – University Hospitals of Cleveland, October 6, 2005.
131. Multiple Sclerosis an Update – Medical Grand Rounds - South West Hospital, October 7, 2005.
132. Epilepsy and Sexuality – Lecture - Fall Forum (also moderator of the forum) Epilepsy Association of NE Ohio November 2, 2005.
133. Migraine – Improving the Diagnosis - Lecture Sponsored by Pfizer, November 14, 2005 at Mitchell's Fish Market.
134. Migraine – Resident General Neurology Lecture – UHCMC – March 29, 2006.
135. Epilepsy Management in Field – University Hospitals Richmond Heights - April 13, 2006.
136. Headache and Migraine in Primary Care – Lecture Sponsored by Pfizer, May 3, 2006.
137. Multiple Sclerosis – MS to Treat or Not to Treat – Resident Lecture, May 09, 2006.
138. Headache and Migraine in Primary Care – Lecture Sponsored by Pfizer, June 22, 2006.
139. Migraine – Lecture – Pfizer Sponsored – Fifth Seasons – July 25, 2006.
140. Migraine – Lecture – Pfizer Sponsored – August 2, 2006.
141. Coma – UH Richmond Heights – August 28, 2006.
142. “The Epilepsy Bill of Rights: Issues with Bioavailability – variations in the therapeutic range between generic anticonvulsants and brand name counterparts.” A lecture given to Ohio state legislators sponsored by the Epilepsy Association of NE Ohio. September 14, 2006
143. Migraine – New Diagnosis and Treatment Strategies – Geauga Community Hospitals Medical Staff Quarterly Meeting, November 15, 2006.
144. The Neuro-Ophthalmologic Complications Of Chiropractic Manipulation – Department of Neurology Grand Rounds – University Hospitals Case Medical Center – February 16, 2007.
145. Complications as a Result of Manipulative Therapy – Orthopedic Grand Rounds – University Hospitals Case Medical Center – April 11, 2007.
146. The Neuro-Ophthalmologic Complications Of Cervical Manipulation – Advances In Understanding Mechanisms And Treatment Of Infantile Forms Of Nystagmus (Co-Director) – Louis Stokes Cleveland, Department of Veterans Affairs Medical Center & Case Western Reserve University – Supported from a Grant from the Garson Fund of The Mt. Sinai Health Care Foundation – May 4, 2007.
147. Introduction To Sleep Medicine – Clinical Neurophysiology Lecture – Department of Psychiatry, University Hospitals Case Medical Center – May 18, 2007.
148. Lectures – Epilepsy Course – Residents, Epilepsy Fellows and visiting Scientists. One week series of lectures



M. Devereaux, M.D.

Curriculum Vitae

13

and EEG demonstrations given twice per year 2007-Present

- The Neurophysiology underlying the Origin of the EEG Signal
- The Normal EEG
- EEG: Physiologic and Nonphysiologic Artifact (2 hours)
- EEG: Normal Variants with Epileptiform Features (2 hours)
- Epilepsy and Social Issues (Driving) (2 hours)
- Introduction to Sleep Medicine (2 hours)
- Management of Epilepsy in Women during the Reproductive Years (2 hours)

139. Osmotic Myelinolysis. Invited Lecture – Department of Medicine M&M Conference - August 03, 2007.

140. Intravenous Gamma Globulins: Treatment of Neurologic Conditions [emphasizing the side effect of aseptic meningitis]. Dept. of Neurology UHCMC Grand Rounds. September 19, 2007.

141. Management of Epilepsy in Women during the Reproductive Years (2 hours): Neonatal Special Issues Symposium at Metropolitan General Hospital. September 25, 2007.

142. The Complications of Chiropractic Spine Manipulation Dept. of Medicine UHCMC Grand Rounds January 15, 2008.

143. An Introduction to Sleep Medicine. Department of Psychiatry UHCMC. May 06, 2008.

144. The Social Role of the New Generation of Physicians – UHRCM Graduation Ceremony – June 6, 2008.

145. Neurophysiologic Basis of the EEG Signal – UHCMC – August 14, 2008.

146. CAM and Epilepsy – Lake West Hospital – September 9, 2009.

147. Epilepsy CAM Therapy – Epilepsy Association Board of Trustees – September 16, 2009.

148. Driving and Epilepsy – Epilepsy Grand Rounds UHCMC. September 21, 2009.

149. Driving and Epilepsy – Medicine Grand Rounds – Department of Medicine, UHCMC. February 16, 2010.

150. Driving and Epilepsy – Neurology Department Grand Rounds. April 23, 2010.

151. Treatment of a First (single) Seizure. 3<sup>rd</sup> International Epilepsy Colloquium. May 17, 2010.

152. The Interictal EEG – 3<sup>rd</sup> International Epilepsy Colloquium and member. May 17, 2010.

153. Epilepsy and Driving – 3<sup>rd</sup> International Epilepsy Colloquium and member. May 18, 2010.

154. Epilepsy in the Reproductive years MetroHealth Medical Center Perinatal Physiology and Pathology lecture series (invited) September 14, 2010.

155. Physician Advocacy (CWRU Medical School lecture) July 27, 2011.

156. Baylor College of Medicine Alumni Event. Santa Fe, NM. (invited lecture) An Overview of CAM Therapy in the United States. September 25, 2011.

157. Epilepsy and CAM Therapy. Neurology Grand Rounds – UHCMC. September 30, 2011.

158. Devereaux, M Alzheimer's Disease and CAM Therapy. Symposium: Alzheimer's disease an Overview. UHGMC, Geneva Ohio 5/17/12.

159 Driving, Employment and Medicolegal Aspects of Epilepsy. 6th International Epilepsy Colloquium. Cleveland, Ohio May 22, 2013

M. Devereaux, M.D.

Curriculum Vitae

14

- 160 Women with Epilepsy-Special Issues. Perinatal Physiology and Pathology lecture Metropolitan General Hospital. October 1 2013.
- 161 Neurology and an Underserved Population- Ladakh, India UHHC/MC/ CWRU Neurology Grand Rounds Sept 14 2013

**TEACHING:**

## CWRU MEDICAL SCHOOL

- |              |  |
|--------------|--|
| 1979-Present | Epilepsy Section, Phase II (CWRU Neurology Committee – Sophomore Medical Student)  |
|              | Introduction to Epilepsy, Neurophysiology of Cortex, 1 hr lecture  |
| 1979-1982    | Veterans Administration Wade Park  |
|              | Ward Attending or Consult Service Attending 1 month/yr   |
| 1979-1998    | Clinical Neurology Rotation, Mt. Sinai (elective)  |
| 1979-1999    | Neurophysiology of the Cortex (1/2 of 1 hr lecture)  |
| 1979-Present | Videotape Clinical Case Presentations, 1 – 2 hours (depending on year)   |
| 1980-1984    | Metropolitan General Hospital – Neurology  |
|              | Ward Attending 1 month/yr  |
|              | Clinic Attending 1 month/yr  |
| 1985-1995    | Clinical Neurophysiology Type A elective   |
| 1985-1998    | Clinical Neurophysiology Type A Elective   |
| 1989-1997    | Core Clerkship (one month ward rotation {3 rotations/yr} at Mt Sinai Medical Center  |
| 1998-2000    | Core Clerkship Rotation, 1 month/yr ward service and 1 month/yr consultation service, 1998 – 2000                          |
| 1998-Present | UHHC/MC – General Ward Attending (CWRU Students, Visiting Students)  |
| 2008-2010    | UHHC/MC- Stroke Ward Attending (CWRU Students, Visiting Students)  |
| 1998-Present | CWRU – Core Clerkship Lecture Series (4-6/year) on topics including epilepsy, headache, stroke, etc.                       |
| 2000-2004    | Sleep Disorders, 1 hour lecture (CWRU Neurology Committee – Sophomore Medical Student)                                     |
| 2001         | “Epilepsy and Pregnancy” 3 <sup>rd</sup> annual Fall Epilepsy Symposium, Epilepsy Foundation/Metropolitan General Hospital |
|              | MS Change and Choice 11/16/02 Canton, Ohio   |

Department of Neurology – University Hospitals Case Medical Center  
(Residents, Epilepsy Fellows, Medical Students)

- |              |  |
|--------------|--|
| 1977-Present | Neurology Grand Rounds 1-2/year  |
| 1977-Present | Attending Ward Service 1 month/year (1977-1997), 1-2 month/year 1998 - present |
| 1988-1991    | EEG Teaching Seminars (1 month/year, residents)                                |



M. Devereaux, M.D.  
Curriculum Vitae  
15

1988–1991	EEG Teaching Seminars, residents and students, 6/year
1998–Present	Clinical EEG rotation (1/2 day teaching/week) EEG
1998–2000	Neurology consult service, 1 month/year
2007–2010	BAT +/- 120 hrs/month (one month/year)
2007–Present	EEG/Epilepsy Course for neurology residents, EEG/epilepsy fellows, and international participants. Course Director 2009 to present--8 week course twice per year (25 hours of lectures and demonstrations in the course).
2008–Present	Epilepsy Grand Rounds: one presentation /year
2010–Present	Director of the Resident Continuity Clinic Dept of Neurology

MT. SINAI MEDICAL CENTER:

1977–1997	Medicine Grand Rounds 1-2/year
1977–1997	Grand Rounds, other depts. (Anesthesiology, Orthopaedics, Surgery, Pediatrics OB-GYN) 1 – 2 year
1978 – 1997	Dept. of Medicine Noontime Resident/Student lecture series 5 – 10/year on multiple topics
1980 – 1997	EEG weekly teaching sessions (residents, neurologists).
1989 – 1996	Chief of Service, Dept. of Medicine, morning report, 1 month/year
1985 – 1990	Neuro-ophthalmology teaching conference, 3 – 6/year

*Attending (Neurology): Inpatient teaching service (CWRU Medical Students and Residents)*

1979–1980	6 months per/year
1981–1985	4 months per/year
1986–1997	3 months per/year

1978–1997	Department of Medicine Medical Student Core Clerkship
	Lectures: Stroke, etc. 4-5/year
1977–1997	Department of Medicine Noontime Lecture series, 5 - 10/year

UH RICHMOND MEDICAL CENTER:

2000–2008	House Officer – Morning Conference – Multiple Lectures on Coma, Migraine, MS and Epilepsy
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OTHER HOSPITALS AND ORGANIZATIONS:

*Grand Rounds on Various Topics:*

1982	Lakewood Hospital: Medicine
1982 & 1986	St. Luke's Hospital: Surgery & Medicine
1983	Suburban Hospital: Medicine
1984	Hillcrest Hospital
Multiple Years	The Cleveland Clinic Foundation: Neurology
1986	Fairview General
1999	Memorial Society of Cleveland
May 20, 1999	Providence Hospitals, Sandusky, OH
May 19-20, 1999	Multiple Sclerosis Society Association Special Lecture

CLEVELAND SCHOOL OF PODIATRY:

1986–1990	6 hours of lectures/year, Introduction to Neurologic Disease; Demyelinating Disease; Paroxysmal Disorders; The Neurodegenerative Diseases
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OTHER:

Numerous radio/television programs since 1977 to the present, approximately 2 per year on various neurologic topics: *TV Channels:* 3, 5 and 8 (multiple appearances) *Radio:* WEWS,

M. Devereaux, M.D.  
Curriculum Vitae  
16

WERE, WWWE, WCLV (multiple appearances) Health Lines (Cleveland Academy of Medicine): 1977- 2000 (approximately 30 radio programs on health-related issues over the years).

**NEW YORK:**  
1975-1977

Neurological Institute, Columbia College of Physicians & Surgeons Attending Neurology service, 1 month/year, Grand Rounds, 1/year, EEG Division, multiple teaching assignments & lectures.

1975 - 1976

Valley Hospital Ridgewood, NJ  
Grand Rounds

1976 – 1977

Consultant for State of New Jersey School System for pediatric neurologic problems (six half days/month at various locations in New Jersey).

**PHILADELPHIA:**  
1973-1975

Hahnemann Medical School & Hospital: Teaching Attending Neurology Service 1 month/year; Lectures in Neuroscience course sophomore, medical class (neuro-ophthalmology); Neurology Grand Rounds 1-2/year; University of Pennsylvania: Department of Neurology Grand Rounds 1/year; University of Pennsylvania (CHOP) Department of Pediatrics (neurology) Grand Rounds 1/year.

1974-1975

Wills Eye Institute Neuro-ophthalmology Clinic weekly

**U. S. NAVAL HOSPITAL:**

1973 – 1975:

Attending-Neurology Teaching Service 3 months/year; Attending Consult Teaching Service 3 months/year; Neuro-ophthalmology Teaching Clinic monthly x 2 years; Grand Rounds-Medicine, Psychiatry;

**LOS ANGELES:**

1973-1975:

USC Medical School: Attending Neurology Service 2 months; Grand Rounds Neurology/Medicine/Psychiatry, Lectures Sophomore Medical Class USC on neuroophthalmology, coma, stroke (4 hours)

**UCLA MEDICAL SCHOOL:**

1972

Ophthalmology Grand Rounds

**VISITING PROFESSORSHIPS:**

- University of Southern California, August 10-11, 1982
- Biomedical Engineering Center, Purdue University, March 29, 1984

**STUDIES:**

1996-1997

Principle Investigator: An Open Labeled, Multi-center Clinical Trial Evaluating the Safety and Efficacy of Donepezil Hydrochloride (E2020) in Patients with Alzheimer's Disease

1999

MSTRAC Study – Principal Investigator

2000

Immunology of Patients with Multiple Sclerosis - Co-Investigator

2011

MS Study: Immunology of Patients with Multiple Sclerosis – Co-Investigator (E. Medof Principle Investigator)

M. Devereaux, M.D.  
Curriculum Vitae  
17

#### JOURNAL REVIEWS:

1987-1988	Neurology	Ad Hoc Reviewer
1991-2005	Continuum	Editorial Board
1996-2005	Continuum	Associate Editor

#### BIBLIOGRAPHY

1. Barrie W, **Devereaux M**: Identification and location of carbohydrases in the intestinal tract of tegula funebris. The Veliger 6:20-24, 1964.
2. **Devereaux M**: The English sweating sickness. South Med J 61: 1191-1195, 1968.
3. **Devereaux M**, McCormick R: Psychogenic water intoxication. Am J Psychiatry 129:628-630, 1972.
4. **Devereaux M**, Keane J, Davis R: Automatic respiratory failure associated with infarction of the medulla. Arch Neurol 29:46-52, 1973.
5. **Devereaux M**, Keane J.: Ondine's curse--Neuro-ophthalmologic considerations. In Smith J L and Glaser DJ S (eds): Neuro-Ophthal 7:128-129, 1973.
6. Keane J, **Devereaux M**: Opsoclonus associated with an intracranial tumor. Arch Ophthal 92:443-445, 1974.
7. **Devereaux M**, Keane J, Davis R: Automatic respiratory failure associated with infarction and medulla. Yearbook of Neurology and Neurosurgery. Yearbook Medical Publishers, Chicago 1975, pp 19-20.
8. **Devereaux M**, Partnow M: Delayed hypoxic encephalopathy without cognitive dysfunction. Arch Neurol 32:704-705, 1975.
9. **Devereaux M**, Brust J, Keane J: Internuclear ophthalmoplegia caused by subdural hematoma. Neurology 29:251-255, 1979.
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18

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M. Devereaux, M.D.

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Updated 7/21/14



# Other Training Supplemental Form

\* REQUIRED RESPONSE (IF THIS PAGE IS USED). NO RESPONSE MAY CAUSE PROCESSING DELAYS AND REQUIRE FOLLOW-UP.

Section 2	Education and Training
<b>Training</b>  List all postgraduate training programs you attended. Use one section per institution.  If you need to report additional Training, photocopy this page as needed and submit as instructed.  Code lists are found on pages 36-43. Enter the associated 3-digit code in the space provided.	<div> <div>University of Southern California/LAC+USC Medical Center</div> <div>INSTITUTION / HOSPITAL NAME (USE BOTH LINES IF REQUIRED)</div> <div>1200 N State St</div> <div>NUMBER STREET</div> <div>Los Angeles</div> <div>CITY</div> <div>CA</div> <div>STATE</div> <div>90033-1084</div> <div>ZIP/POSTAL CODE</div> <div>NA</div> <div>SCHOOL CODE (E.G., AFFILIATED MEDICAL SCHOOL)</div> <div>Rm 1112</div> <div>SUITE/BUILDING</div> <div></div> <div>COUNTRY CODE</div> <div>TELEPHONE</div> <div>FAX</div> <div>DID YOU COMPLETE THIS TRAINING PROGRAM AT THIS INSTITUTION? YES NO</div> <div>(IF NOT, PLEASE USE THE SPACE BELOW TO EXPLAIN.)</div> </div>
List each department separately, if applicable.  List Internship/Residency, Fellowship and Other programs separately.	<div> <div>INTERNSHIP/RESIDENCY <u>FELLOWSHIP</u> OTHER</div> <div>07/01/1972 06/30/1973</div> <div>START DATE END DATE</div> <div>Neuro Ophthalmology</div> <div>Ophthalmology</div> <div>DEPARTMENT/SPECIALTY (DO NOT ABBREVIATE)</div> <div>James R Keane, MD</div> <div>NAME OF DIRECTOR</div> </div> <div> <div>INTERNSHIP/RESIDENCY FELLOWSHIP OTHER</div> <div>START DATE END DATE</div> <div>DEPARTMENT/SPECIALTY (DO NOT ABBREVIATE)</div> <div>NAME OF DIRECTOR</div> </div> <div> <div>INTERNSHIP/RESIDENCY FELLOWSHIP OTHER</div> <div>START DATE END DATE</div> <div>DEPARTMENT/SPECIALTY (DO NOT ABBREVIATE)</div> <div>NAME OF DIRECTOR</div> </div>

3096

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**MEDICARE/CHAMPUS AND OHIO MEDICAID PHYSICIAN  
ACKNOWLEDGEMENT STATEMENT**

<input type="text"/>		
Name (please print or type)	<b>Michael Devereaux, M.D.</b>	
	<b>Dept. of Neurology</b>	
	<b>University Hospitals</b>	
Street Address	<b>Cleveland, OH 44106</b>	
	<b>(216) 844-3591</b>	
<input type="text"/>	<input type="text"/>	<input type="text"/>
City	State	Zip

**Medicare/CHAMPUS and Ohio Medicaid payment to hospitals is based in part on each patient's principal and secondary diagnoses and the major procedures performed on the patient, as attested to by the patient's attending physician by virtue of his or her signature in the medical record. Anyone who misrepresents, falsifies, or conceals essential information required for payment of Federal funds, may be subject to fine, imprisonment, or civil penalty under applicable Federal laws.**

Physician's Signature

 9/24/14

Date Signed

For Hospital Use Only:

Clinical Specialty

UHHS doctor #





## Application for Initial Credentialing Credentialing Supplement to the CAQH provider application

**PLEASE Note: Respond Fully in ALL Fields; Indicate NA for "Not Applicable"**  
**Incomplete Responses Will Cause Processing Delays And Require Follow-Up**

### AUTHORIZATION AND RELEASE FROM LIABILITY

I am an applicant for membership, participation, and/or clinical privileges (hereinafter "Participation"), at a University Hospitals Health System, Inc. entity (hereinafter "Entity").

I understand and acknowledge that it is my responsibility to provide sufficient information upon which a proper evaluation can be undertaken of my licensure, relevant training and/or experience, current competence, health status, character, ethics, and any other criteria adopted by University Hospitals Health System (hereinafter "UHHS"), the Entity for Participation or their respective designees, and for resolving any discrepancies or doubts about such information.

I further acknowledge that I am responsible for annual compliance training, reviewing the facility specific provider orientation materials that are available on the UH Intranet, completing the annual provider education program, knowing the contents of the applicable bylaws, rules and regulations, UH code of conduct, and requirements of UHHS, the Entity and its professional staff or network, and agree to be bound by them in the application process and if granted Participation; I certify that I am indemnified by professional liability insurance to the extent required by UHHS or the Entity.

I further understand and acknowledge that UHHS, the Entity, their affiliates, designated agents, and/or other authorized representatives, including, without limitation, UHHS Provider and Central Verification Organization, UH Credentialing, and/or the Entity's designated professional credentials verification organization, collectively referred to as "Agents," shall investigate the information in this Application. By submitting this Application, I agree to such investigation and to the disciplinary reporting and information exchange activities of UHHS, the Entity and Agents as follows:

1. **Authorization of Investigation and Release of Information Concerning Application for Participation.** I authorize UHHS, Entity and Agents to consult with any third party who may have information bearing on my professional qualifications, credentials, clinical competence, character, background, health status, ethics, behavior, or any other matter reasonably having a bearing on my qualifications for Participation and authorize such third parties to release such information to UHHS, the Entity and Agents. I authorize UHHS, Entity and Agents to obtain my criminal background check information for use in the credentialing process. If that criminal background check information was obtained by another UH entity, I authorize release of such information by that entity to UHHS, the Entity and Agents.

2. **Authorization of Release and Exchange of Disciplinary Information.** I hereby further authorize any health care organization at which I have applied for, currently have, or had Participation or employment to release Disciplinary Information about any disciplinary action taken against me to UHHS, the Entity and/or Agents, including, without limitation, UHHS Provider and Central Verification Organization, UH Credentialing, and/or the Entity's designated professional credentials verification organization, and as otherwise may be required by law. I hereby further authorize UHHS, the Entity and/or Agents, including, without limitation, UHHS Provider and Central Verification Organization, UH Credentialing, and/or the Entity's designated professional credentials verification organization, to release any information pertaining to my professional competence and/or professional conduct, including Disciplinary Information, to any University Hospitals Health System participating entity at which I have Participation, both during the application process and throughout the duration of my appointment, and as otherwise may be required by law. As used herein, Disciplinary Information means information concerning (i) any action taken by such health care organizations, their administrators, or their medical or other committees to revoke, deny, suspend, restrict, or condition my Participation or impose a corrective action plan; (ii) any other disciplinary actions involving me, including but not limited to, discipline in the employment context; or (iii) my resignation, if tendered at a time when formal disciplinary proceedings against me are either pending or being contemplated.

3. **Release from Liability.** I hereby further release from liability UHHS, the Entity and Agents, state licensing board(s), health care organizations, including, without limitation, hospitals, clinics, third party payers, professional liability insurance carrier(s), and any staff, and all individuals, institutions, and entities providing information in accordance with this authorization, for their acts performed in good faith and without malice in connection with the gathering, evaluating, and release and exchange of information as consented to above. This release shall be in addition to any other applicable immunities provided by law for peer review activities.

I understand and agree that this Authorization and Release is irrevocable for any period during which I am an applicant for Participation at the Entity, or I am a member of Entity's medical or health care staff, or a participating provider of the Entity. I agree to execute consent as required by law, regulation, UHHS, or Entity accreditation standards.

I pledge to maintain an ethical practice, to provide for continuous care for my patients, and to refrain from delegating responsibility or care of my patients to any practitioner not qualified to undertake that responsibility; and signify my willingness to appear for interviews in regard to my application, if requested. I waive the right to review any peer review questionnaires obtained by UHHS, the Entity, or Agents during my application for Participation or while I am a member of Entity's medical or health care staff, or a participating provider of the Entity.

All information submitted by me in this application is complete and true to my best knowledge and belief. I understand and agree that any material misstatements in, or omissions from this application constitute cause for denial of or revocation of Participation. I understand and acknowledge that UHHS and the Entity shall be solely responsible for all decisions concerning the granting of Participation.

I further acknowledge that I have read and understand the foregoing Authorization and Release. A copy of this original document as signed by me shall have all the same force and effect as the signed original.

9/24/13  
Date Signed

Michael Devereaux  
Applicant's Printed Name

Applicant's Signature (do not print)



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# Practice Location Information Supplemental Form

\* REQUIRED RESPONSE (IF THIS PAGE IS USED). NO RESPONSE MAY CAUSE PROCESSING DELAYS AND REQUIRE FOLLOW-UP

<b>Section 4</b>	<b>Practice Location Information - Page 1 of 5</b>			
<b>Additional Practice Location</b>	<b>LOCATION* #</b>			
<p><b>IMPORTANT</b></p> <p>In the box provided, indicate to which practice location this page belongs.</p> <p>For example, if you practice at three locations, the primary location is reported in the main application and remaining locations would be reported on Supplemental Forms as Location 2 and Location 3.</p> <p><b>TIP</b> Your Individual Tax ID is assumed to be your Primary Tax ID unless you specify otherwise to the right.</p>	<p>CURRENTLY PRACTICING AT THIS ADDRESS? <input type="checkbox"/> YES <input type="checkbox"/> NO IF NO, WHAT IS YOUR EXPECTED START DATE?</p> <p><u>University Suburban Health Center</u></p> <p>PHYSICIAN GROUP / PRACTICE NAME TO APPEAR IN DIRECTORY (DO NOT ABBREVIATE)*</p> <p>GROUP / CORPORATE NAME AS IT APPEARS ON W-9, IF DIFFERENT FROM ABOVE (DO NOT ABBREVIATE)</p> <p><u>1611 S Green Rd</u> <u>4001 Carrick Dr.</u> <u>uH Neurological</u></p> <p>NUMBER* STREET* SUITE/BUILDING</p> <p><u>South Euclid</u> <u>Medina</u> <u>OH</u> <u>44121</u> <u>44256</u></p> <p>CITY* STATE* ZIP CODE*</p> <p>SEND GENERAL CORRESPONDENCE HERE? <input type="checkbox"/> YES <input type="checkbox"/> NO <u>(216)844-3160</u></p> <p>TELEPHONE* FAX</p> <p>OFFICE E-MAIL ADDRESS</p> <p><u>20-4881619</u></p> <p>INDIVIDUAL TAX ID GROUP TAX ID</p> <p>PRIMARY TAX ID (ONE ONLY)* USE INDIVIDUAL TAX ID USE GROUP TAX ID</p>			
<b>Office Manager or Business Office Contact</b>	<p>List each contact separately. You may use the check boxes below for convenience. Do not write instructions like "see above". These responses will be rejected and will require follow-up.</p> <p>LAST NAME*</p> <p>FIRST NAME* M.I.</p> <p>TELEPHONE* FAX</p> <p>E-MAIL ADDRESS</p>			
<b>Billing Contact</b>	<p>CHECK HERE TO USE OFFICE MANAGER AND OFFICE ADDRESS AS BILLING INFORMATION <input type="checkbox"/></p> <p>NOTE:</p> <p>Even if you checked the boxes above, please provide the e-mail address of the Billing Contact, if available.</p> <p>LAST NAME*</p> <p>FIRST NAME* M.I.</p> <p>NUMBER* STREET* SUITE/BUILDING</p> <p>CITY* STATE* ZIP CODE*</p> <p>TELEPHONE* FAX</p> <p>E-MAIL ADDRESS</p>			

3100

\* REQUIRED RESPONSE (IF THIS PAGE IS USED). NO RESPONSE MAY CAUSE PROCESSING DELAYS AND REQUIRE FOLLOW-UP.

# Standard Authorization, Attestation and Release

(Not for Use for Employment Purposes)

I understand and agree that, as part of the credentialing application process for participation, membership and/or clinical privileges (hereinafter, referred to as "Participation") at or with each healthcare organization indicated on the "List of Authorized Organizations" that accompanies this Provider Application (hereinafter, each healthcare organization on the "List of Authorized Organizations" is individually referred to as the "Entity"), and any of the Entity's affiliated entities, I am required to provide sufficient and accurate information for a proper evaluation of my current licensure, relevant training and/or experience, clinical competence, health status, character, ethics, and any other criteria used by the Entity for determining initial and ongoing eligibility for Participation. Each Entity and its representatives, employees, and agent(s) acknowledge that the information obtained relating to the application process will be held confidential to the extent permitted by law.

I acknowledge that each Entity has its own criteria for acceptance, and I may be accepted or rejected by each independently. I further acknowledge and understand that my cooperation in obtaining information and my consent to the release of information do not guarantee that any Entity will grant me clinical privileges or contract with me as a provider of services. I understand that my application for Participation with the Entity is not an application for employment with the Entity and that acceptance of my application by the Entity will not result in my employment by the Entity.

**Authorization of Investigation Concerning Application for Participation.** I authorize the following individuals including, without limitation, the Entity, its representatives, employees, and/or designated agent(s); the Entity's affiliated entities and their representatives, employees, and/or designated agents; and the Entity's designated professional credentials verification organization (collectively referred to as "Agents"), to investigate information, which includes both oral and written statements, records, and documents, concerning my application for Participation. I agree to allow the Entity and/or its Agent(s) to inspect and copy all records and documents relating to such an investigation.

**Authorization of Third-Party Sources to Release Information Concerning Application for Participation.** I authorize any third party, including, but not limited to, individuals, agencies, medical groups responsible for credentials verification, corporations, companies, employers, former employers, hospitals, health plans, health maintenance organizations, managed care organizations, law enforcement or licensing agencies, insurance companies, educational and other institutions, military services, medical credentialing and accreditation agencies, professional medical societies, the Federation of State Medical Boards, the National Practitioner Data Bank, and the Health Care Integrity and Protection Data Bank, to release to the Entity and/or its Agent(s), information, including otherwise privileged or confidential information, concerning my professional qualifications, credentials, clinical competence, quality assurance and utilization data, character, mental condition, physical condition, alcohol or chemical dependency diagnosis and treatment, ethics, behavior, or any other matter reasonably having a bearing on my qualifications for Participation in, or with, the Entity. I authorize my current and past professional liability carrier(s) to release my history of claims that have been made and/or are currently pending against me. I specifically waive written notice from any entities and individuals who provide information based upon this Authorization, Attestation and Release.

**Authorization of Release and Exchange of Disciplinary Information.** I hereby further authorize any third party at which I currently have Participation or had Participation and/or each third party's agents to release "Disciplinary Information," as defined below, to the Entity and/or its Agent(s). I hereby further authorize the Agent(s) to release Disciplinary Information about any disciplinary action taken against me to its participating Entities at which I have Participation, and as may be otherwise required by law. As used herein, "Disciplinary Information" means information concerning (i) any action taken by such health care organizations, their administrators, or their medical or other committees to revoke, deny, suspend, restrict, or condition my Participation or impose a corrective action plan; (ii) any other disciplinary action involving me, including, but not limited to, discipline in the employment context; or (iii) my resignation prior to the conclusion of any disciplinary proceedings or prior to the commencement of formal charges, but after I have knowledge that such formal charges were being (or are being) contemplated and/or were (or are) in preparation.

**Release from Liability.** I release from all liability and hold harmless any Entity, its Agent(s), and any other third party for their acts performed in good faith and without malice unless such acts are due to the gross negligence or willful misconduct of the Entity, its Agent(s), or other third party in connection with the gathering, release and exchange of, and reliance upon, information used in accordance with this Authorization, Attestation and Release. I further agree not to sue any Entity, any Agent(s), or any other third party for their acts, defamation or any other claims based on statements made in good faith and without malice or misconduct of such Entity, Agent(s) or third party in connection with the credentialing process. This release shall be in addition to, and in no way shall limit, any other applicable immunities provided by law for peer review and credentialing activities. In this Authorization, Attestation and Release, all references to the Entity, its Agent(s), and/or other third party include their respective employees, directors, officers, advisors, counsel, and agents. The Entity or any of its affiliates or agents retains the right to allow access to the application information for purposes of a credentialing audit to customers and/or their auditors to the extent required in connection with an audit of the credentialing processes and provided that the customer and/or their auditor executes an appropriate confidentiality agreement. I understand and agree that this Authorization, Attestation and Release is irrevocable for any period during which I am an applicant for Participation at an Entity, a member of an Entity's medical or health care staff, or a participating provider of an Entity. I agree to execute another form of consent if law or regulation limits the application of this irrevocable authorization. I understand that my failure to promptly provide another consent may be grounds for termination or discipline by the Entity in accordance with the applicable bylaws, rules, and regulations, and requirements of the Entity, or grounds for my termination of Participation at or with the Entity. I agree that information obtained in accordance with the provisions of this Authorization, Attestation and Release is not and will not be a violation of my privacy.

I certify that all information provided by me in my application is current, true, correct, accurate and complete to the best of my knowledge and belief, and is furnished in good faith. I will notify the Entity and/or its Agent(s) within 10 days of any material changes to the information (including any changes/challenges to licenses, DEA, insurance, malpractice claims, NPDB/HIPDB reports, discipline, criminal convictions, etc.) I have provided in my application or authorized to be released pursuant to the credentialing process. I understand that corrections to the application are permitted at any time prior to a determination of Participation by the Entity, and must be submitted online or in writing, and must be dated and signed by me (may be a written or an electronic signature). I acknowledge that the Entity will not process an application until they deem it to be a complete application and that I am responsible to provide a complete application and to produce adequate and timely information for resolving questions that arise in the application process. I understand and agree that any material misstatement or omission in the application may constitute grounds for withdrawal of the application from consideration; denial or revocation of Participation; and/or immediate suspension or termination of Participation. This action may be disclosed to the Entity and/or its Agent(s). I further acknowledge that I have read and understand the foregoing Authorization, Attestation and Release and that I have access to the bylaws of applicable medical staff organizations and agree to abide by these bylaws, rules and regulations. I understand and agree that a facsimile or photocopy of this Authorization, Attestation and Release shall be as effective as the original.

  
Signature\*

  
Name (print)\*

DATE SIGNED\*

3094





Candidate \_\_\_\_\_

## UH HOSPITALS NEUROLOGY PRIVILEGE FORM

Epilepsy Items marked with an asterisk (*) require documented proof of frequency and proficiency, or additional training in accordance with departmental policy (see policy for specialized procedures).	Requested Privileges Requested = <input checked="" type="checkbox"/> Not Requested = <input type="checkbox"/>											Do Not Use  Approved
	Ahuja	ASC Sites			Case	Conneaut	Geauga	Geneva	Rainbow	Regional Hospitals		
		Lyndhurst	Mentor	Westlake						Bedford	Richmond	
*Evaluation of patients in the EMU & PMU including presurgical evaluations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Functional epilepsy mapping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Performance of electro-encephalogram	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Performance of evoked potential studies	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Sphenoid electrode placement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Wada testing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

General Items marked with an asterisk (*) require documented proof of frequency and proficiency, or additional training in accordance with departmental policy (see policy for specialized procedures).	Requested Privileges Requested = <input checked="" type="checkbox"/> Not Requested = <input type="checkbox"/>											Do Not Use  Approved
	Ahuja	ASC Sites			Case	Conneaut	Geauga	Geneva	Rainbow	Regional Hospitals		
		Lyndhurst	Mentor	Westlake						Bedford	Richmond	
Administer IV infusions (for MS, headaches, chronic pain disorders, neuromuscular disorders)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

General (Continued) Items marked with an asterisk (*) require documented proof of frequency and proficiency, or additional training in accordance with departmental policy (see policy for specialized procedures).	Requested Privileges Requested = <input checked="" type="checkbox"/> Not Requested = <input type="checkbox"/>											Do Not Use  Approved
	Ahuja	ASC Sites			Case	Conneaut	Geauga	Geneva	Rainbow	Regional Hospitals		
		Lyndhurst	Mentor	Westlake						Bedford	Richmond	
*Evaluation and management of acute strokes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Eye movement recording and analysis (including vestibular testing)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Interpretation of electroencephalogram	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Lumbar puncture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Moderate sedation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Superficial nerve blocks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Movement Disorders Items marked with an asterisk (*) require documented proof of frequency and proficiency, or additional training in accordance with departmental policy (see policy for specialized procedures).	Requested Privileges Requested = <input checked="" type="checkbox"/> Not Requested = <input type="checkbox"/>											Do Not Use  Approved
	Ahuja	ASC Sites			Case	Conneaut	Geauga	Geneva	Rainbow	Regional Hospitals		
		Lyndhurst	Mentor	Westlake						Bedford	Richmond	
*Botulinum toxin injections (non-cosmetic)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
*Intraoperative physiology for deep brain stimulation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



University Hospitals

Candidate \_\_\_\_\_

## UH HOSPITALS NEUROLOGY PRIVILEGE FORM

**Candidate Signature**

All requests are subject to review and approval by the Credentialing Committee, the Clinical Department Chairman, Medical Executive Committee and the Board of Directors.

I have requested only those privileges for which by education, training, current experience, and demonstrated performance I am qualified to perform, and that I wish to exercise at University Hospitals Medical Centers.

*[Handwritten Signature]*

Candidate Signature

*9/24/14*

Date

**Chairman Signature**

I have reviewed the requested clinical privileges and available supporting documentation for the above named applicant and recommend action on the privileges requested at my Medical Center as noted above.

\_\_\_\_\_  
University Hospitals Department Chairman Signature

\_\_\_\_\_  
Date

**EXHIBIT 2**

**Melissa C. Snelson**  
Stonehill Group, LLC  
121 South Eighth Street, Suite 850  
Minneapolis, MN 55402  
612.436.1390

Educational Summary:

Ms. Snelson studied finance, economics and accounting at the University of Virginia from which she received a Bachelor of Science in Commerce, with concentrations in Finance and Management in 1990.

Present Position:

*President and Member, Stonehill Group, LLC, Minneapolis, Minnesota (2002 – Present)*

Ms. Snelson is the President and sole Member of the Stonehill Group, LLC, a consulting firm providing services to businesses and counsel in the areas of claims and disputes. Ms. Snelson practices in the claims and disputes practice.

Former Employment:

*Senior Manager, Deloitte & Touche LLP, Minneapolis, Minnesota (1995-2001)*

Ms. Snelson served as a Senior Manager in the Financial Advisory Services practice in the Minneapolis office of Deloitte & Touche LLP. In 2000, she became the leader of the Minneapolis litigation services practice with responsibilities including client service, practice development, marketing, and staff training and supervision. Ms. Snelson's practice focused on the analysis of economic damages in numerous types of commercial litigation, including patent infringement, breach of contract, securities fraud, business interruption, trademark disputes and product liability.

*Executive Consultant, Peterson Consulting Limited Partnership:  
Minneapolis, Minnesota (1994-1995)  
Chicago, Illinois (1990-1991, 1992-1994)  
London, England (1991)*

Ms. Snelson provided litigation consulting services to clients from the Minneapolis, Chicago and London offices of Peterson Consulting LP. Her practice focused primarily on insurance litigation, breach of contract matters and general commercial disputes.

Other Experience:

Ms. Snelson has testified in a number of commercial litigation matters. She has presented expert testimony in federal and state court proceedings and before arbitration panels.

Professional Activities:

Ms. Snelson is a Certified Public Accountant in Minnesota, Certified in Financial Forensics, a Chartered Global Management Accountant and is a member of the Minnesota Society of Certified Public Accountants, the American Institute of Certified Public Accountants, and the Licensing Executives Society. She was a member of the Leadership Cabinet of the Minnesota Society of Certified Public Accountants (2005 – 2009).

## EXHIBIT 2

## Melissa C. Snelson

Trial and Deposition Expert Testimony: 2010 - Present

Arbitration (2020)	<b>Molding Products LLC</b> v. Swan Surfaces, LLC and American Bath Group	American Arbitration Association
Arbitration (2020)	<b>Epien Medical, LLC</b> v. Saxet Medical Sales, LLC and William Marciniak	American Arbitration Association
Trial (2020) Deposition (2019)	InfoDeli, LLC and Breht C. Burri v. Western Robidoux, Inc., Cindy Burri, Brian Burri, Peter Burri, Connie Burri, Engage Mobile Solutions, LLC, Darrin Clawson, Matthew Barksdale, Nathan Haley, James Robertson, CEVA Animal Health, LLC, Shane Fairchild, <b>Boehringer Ingelheim Vetmedica, Inc.</b> , Elizabeth Corbin, Sai Chow and Antonio Love	U.S. District Court, Western District of Missouri, Western Division  4:15-cv-00364-BCW
Arbitration (2019)	<b>Interplastic Corporation, North American Composites Company, and Mark J. Brost</b> v. Gerald W. Henning	American Arbitration Association
Deposition (2019)	Johnsonville Sausage, LLC. v. <b>Klement Sausage Co., Inc.</b>	U.S. District Court, Eastern District of Wisconsin, Milwaukee Division  2:16-CV-938
Deposition (2018)	<b>Mitchell Boots, Tracy Fortman, individually and on behalf of the Proposed Rule 23 Class</b> v. Kona Sushi, Inc. d/b/a Kona Grill	U.S. District Court, District of Minnesota  17-CV-3401-PAM- SER
Arbitration (2018)	Allied Dairy, LLP, Union Dairy, LLP and United Dairies, LLP vs. <b>Kenneth Kraemer</b>	American Arbitration Association
Deposition (2017)	<b>Cargill, Incorporated (Delaware) and Cargill International SA (Switzerland)</b> v. Syngenta AG (Switzerland), Syngenta Crop Protection AG (Switzerland), Syngenta Corporation (Delaware), Syngenta Seeds, LLC (Delaware), and Syngenta Crop Protection, LLC (Delaware)	40 <sup>th</sup> Judicial District Court for the Parish of St. John the Baptist, State of Louisiana  Docket No. 67061
Arbitration (2017)	<b>Fr. Thomas F. A. O'Brien</b> v. Saint Thomas Academy	Private Arbitration



*Melissa C. Snelson Testimony, page 2***EXHIBIT 2**

Trial, Deposition (2017)	<b>Creative Research &amp; Development, Inc., Frank Campbell, OmniQuest Research and Development Corporation and John Micinski v. Amesbury Group, Inc.</b>	State of Minnesota District Court, County of Washington  82-cv-15-1067
Arbitration (2017)	<b>North American Composites Company and Interplastic Corporation v. Tigé Boats, Inc.</b>	American Arbitration Association
Hearing (2016)	<b>Anne Healy, Tobias Shapiro, Audra Nestler Holm, Karl and Joyce Pokorny, Jennifer and Jeff Mendeloff, Rebecca Ribich, Mark and Karen Reed, Marilyn Miller, Eric and Karen Lundeen v. George Stickney, owner/officer, BPS Properties, LLC, George Stickney in his individual capacity, BPS Properties, LLC, Minnehaha Creek Watershed District and City of Orono</b>	State of Minnesota District Court, County of Hennepin  27-cv-15-17013
Deposition (2015)	<b>A.L.M. Holding Co. et al. v. Akzo Nobel Surface Chemistry LLC</b>  <i>AND</i>  <b>A.L.M. Holding Co. et al v. Arr-Maz Custom Chemicals, Inc.</b>	U.S. District Court, District of Delaware  13-1069-GMS  13-CV1070
Deposition (2015)	Select Comfort Corporation et al. v. John Baxter; <b>Dires, LLC, et al.</b>	U.S. District Court, District of Minnesota  12-cv-2899
Deposition (2015)	<b>Tire Service Equipment Mfg. Co., Inc. v. Gaither Tool Co.</b>	U.S. District Court, District of Minnesota  13-cv-2996
Trial (2015), Deposition (2014)	J&M Distributing, Inc. v. <b>Hearth &amp; Home Technologies, LLC</b> , and Magnotti and Sons, Inc., d/b/a The Fireplace and The Patioplace	U.S. District Court, District of Minnesota  13-cv-00072
Deposition (2014)	<b>SKF USA Inc. v. MRC Global Inc. and McJunkin Red Man Corporation</b>	U.S. District Court, District of Delaware  13-250-LPS
Deposition (2014)	<b>Cedar Valley Exteriors, Inc. v. Professional Exteriors, Inc.</b>	U.S. District Court, District of Minnesota  13-cv-02537

*Melissa C. Snelson Testimony, page 3***EXHIBIT 2**

Deposition (2014)	<b>Catholic United Financial</b> v. Wells Fargo Bank, N.A.	U.S. District Court, District of Minnesota  12-cv-1729
Arbitration (2014)	<b>Dickinson State University Foundation, on behalf of, and for the benefit of, Dickinson Investments, Inc., Claimant</b> v. Granville Brinkman and related entities, Respondents	American Arbitration Association  Case No. 65 193 Y 00228 13
Deposition (2014)	Symantec Corporation v. <b>Acronis, Inc., Acronis International GmbH and OOO Acronis</b>	U.S. District Court, Northern District of California  3:12-cv-05331
Deposition (2013)	<b>St. Croix Valley Dental, PLLC d/b/a Northern Orthodontics and Douglas Wolff</b> v. Bryan Brettin, Brettin Orthodontics Professional Corporation, and Sletten & Brettin Orthodontics, LLC	State of Minnesota District Court, County of Washington  82-cv-11-6752
Deposition (2013)	Symantec Corporation v. <b>Acronis, Inc., Acronis International GmbH and OOO Acronis</b>	U.S. District Court, Northern District of California  3:11-cv-05310
Trial (2013)	<b>Curtis Amplatz and Carina Royalty, LLC</b> v. AGA Medical Corporation	State of Minnesota District Court, County of Hennepin  27-cv-10-27664
Deposition, Trial (2013)	Educational Testing Service v. <b>Data Recognition Corporation</b> v. Computerized Assessments & Learning, LLC	State of Minnesota District Court, County of Hennepin  27-cv-11-24418
Trial (2012)	OneSource.CC, Inc., f/k/a Artful Dragon Productions, Inc. and f/k/a Prestige Agri-Group, Inc.; John Arleth and Joan Arleth v. <b>I See Me! Inc. and Maia B. Haag</b>	State of Minnesota District Court, County of Goodhue  25-CV-10-2669
Deposition (2012)	Oak Leaf Outdoors, Inc. v. <b>DDI International, Inc.</b> v. Oak Leaf Outdoors, Inc.	U.S. District Court, Central District of Illinois, Peoria Division  1:11-cv-01175

*Melissa C. Snelson Testimony, page 4***EXHIBIT 2**

Deposition (2012)	<b>Airborne Athletics, Inc.</b> v. Shoot-A-Way, Inc.	U.S. District Court, District of Minnesota 0:10-cv-03785
Deposition (2012)	Ergotron, Inc. v. <b>Rubbermaid Commercial Products, LLC</b>	U.S. District Court, District of Minnesota 0:10-cv-2010
Deposition (2011)	<b>Superior Industries, LLC</b> v. Masaba, Inc.	U.S. District Court, District of Minnesota  0:10-cv-00764
Arbitration (2011)	<b>Stephen F. Rowland</b> v. Merrill Lynch, Pierce, Fenner & Smith Incorporated	FINRA Arbitration No. 10-02338
Deposition (2011)	<b>Birchwood Laboratories, Inc.</b> v. Battenfeld Technologies, Inc.	U.S. District Court, District of Minnesota  0:09-cv-03555
Deposition (2011)	3M Innovative Properties Company and 3M Company v. <b>Envisionware, Inc.</b>	U.S. District Court, District of Minnesota  0:09-cv-01594
Deposition (2011)	<b>Graco Inc. and Graco Minnesota Inc.</b> v. PMC Global, Inc., PMC, Inc., PMC Europe Investments, S.L., Denis S. Commette, Gama Machinery USA, Inc. and Garraf Maquinaria, S.A.	U.S. District Court, District of New Jersey  08-CV-01304
Deposition (2010)	<b>Lynx, LLC</b> v. Total Employee Assistance & Management, Inc.	U.S. District Court, District of Minnesota  0:09-cv-7
Deposition (2010)	American Litho, Inc. v. <b>Imation Corp.</b>	U.S. District Court, District of Minnesota  0:08-cv-05892
Trial (2010) Deposition (2008)	<b>Daniel S. McGrath</b> v. MICO, Inc., Brent P. McGrath, Larry C. McGrath, and Glenn Gabriel	State of Minnesota District Court, County of Nicollet  52-cv-06-682
Deposition (2010)	<b>Regents of the University of Minnesota</b> v. AGA Medical Corporation	U.S. District Court, District of Minnesota  0:07-cv-04732

*Melissa C. Snelson Testimony, page 5*

**EXHIBIT 2**

Deposition Motorola, Inc. and GMP Wireless, Inc. v. **Nonin**  
(2010) **Medical, Inc.**

U.S. District Court,  
Northern District of  
Illinois, Eastern  
Division

04-CV-05944

**CURRICULUM VITAE  
MATTHEW RIZZO, M.D., F.A.A.N., F.A.N.A.**

**I. EDUCATION AND PROFESSIONAL HISTORY**

**A. Institutions Attended/Certification and Licensure**

1983-85	Fellowship, Behavioral Neurology and Cognitive Neuroscience, University of Iowa College of Medicine
1982-83	Fellow Associate in Neurology, University of Iowa College of Medicine
1980-83	Neurology Residency, University of Iowa College of Medicine
1979-80	Internal Medicine Internship, University of Iowa College of Medicine
1979 M.D.	Johns Hopkins University School of Medicine, Baltimore, Maryland
1975 A.B.	Columbia University, New York, New York

**Certification and Licensure**

1986	American Board of Psychiatry and Neurology certification, IA #28203; Permanent, #22918.
1979	National Board of Medical Examiners

**B. Professional and Academic Appointments**

2020	Executive Board, National IDeA Symposium of Biomedical Research Excellence (NISBRE)
2019	Faculty, School of Music, University of Nebraska Omaha
2016	Director, Great Plains IDeA Clinical and Translational Research Network
2015	Faculty, Department of Psychiatry, University of Nebraska Medical Center
2015	Faculty, Biomechanics, University of Nebraska Omaha
2014	Frances and Edgar Reynolds Professor and Chair, Department of Neurological Sciences, University of Nebraska Medical Center (UNMC)
2014	Chief Physician/Clinical Program Leader, Neurosciences (Neurology, Neurosurgery, Psychiatry, Anesthesia Pain, Physical Medicine and Rehabilitation, Nebraska Medicine/UNMC)
2014	Co-Director, Nebraska Neuroscience Alliance, University of Nebraska Medical Center

2011	Geriatric Care Advisory Council. University of Iowa Health Colleges and the University of Iowa Health Clinics
2010	Director, Aging Brain and Mind Initiative, Office of the Provost, University of Iowa
2007	Vice Chair, Translational and Clinical Research, Department of Neurology
2006	Faculty, National Advanced Driving Simulator, University of Iowa
2002	Director, Division of Neuroergonomics, Department of Neurology, University of Iowa Roy J. and Lucille A. Carver College of Medicine
1999	Professor, Public Policy Center, University of Iowa
1996	Faculty, Public Policy Center, University of Iowa
1996	Professor of Neurology, University of Iowa College of Medicine
1996	Professor of Mechanical and Industrial Engineering, University of Iowa College of Engineering
1994	Faculty, Injury Prevention Research Center, University of Iowa
1993	Associate Professor Industrial Engineering, University of Iowa College of Engineering
1990	Associate Professor of Neurology, tenured, University of Iowa College of Medicine
1987	Faculty, Neurosciences Program, University of Iowa College of Medicine
1985	Assistant Professor of Neurology, University of Iowa College of Medicine

### **C. Current Professional Positions/Projects**

- Member, Executive Committee, Association for Clinical and Translational Science (ACTS), 2020-2023
- Lead Convener, National Institute of General Medical Services (NIGMS) CTR PI Group, 2020-present
- Convener, US Congressional Neuroscience Caucus, 2019-present
- Chair, American Academy of Neurology Work Group, Lead for Strategic Planning, 2019-present
- Chair of the Board of Directors, American Brain Coalition, 2019-present
- Research Program Subcommittee, American Academy of Neurology, 2019-present
- Member, Medical Group Executive Committee, Nebraska Medicine, 2019-present
- Member, Center for Brain and Behavior's External Advisory Council, 2018-present
- Scientific Review Board, Alzheimers Drug Discovery Foundation, 2019-present

- Member, The American Neurological Association (ANA) Public Policy and Relations Committee, 2018-present
- External Advisory Committee, Roybal Center for Translational Research on Aging and Mobility, University of Alabama at Birmingham
- Chair, Department of Psychiatry Review Committee, UNMC, 2016-2018
- Adjunct Professor, Department of Biomechanics, University of Nebraska at Omaha, 2015-Present
- Member, 3D/VIR Simulation Design Group, Interprofessional Experiential Center for Enduring Learning's Global Center for Advanced Interprofessional Learning. 2017-Present
- Member, Centers Of Biomedical Research Excellence (COBRE) External Advisory Committee, Center for Brain and Behavior Research, University of South Dakota, 2017-Present
- Member, Centers Of Biomedical Research Excellence (COBRE) External Advisory Committee, University of Nebraska-Omaha, 2017-Present
- Member of the Executive Committee CVCN (Center for Visual and Cognitive Neuroscience), North Dakota State University, Centers Of Biomedical Research Excellence (COBRE), 2017-present
- Member, Clinical Operations Council, UNMC, 2015-Present Leader, Neurosciences Programs
- Strategic Planning, Development and Building, 2014-Present
- Director of Mind and Brain Health Laboratories, Department of Neurological Sciences, UNMC, 2014-Present
- American Academy of Neurology (AAN) Ethics, Law and Humanities Committee, 2005-Present
- American Brain Coalition Board of Directors, 2015-Present
- American Brain Coalition Program Committee Chairman, 2017-Present
- Principal Investigator Great Plains IDeA Clinical and Translational Research (CTR) Network, 2016-Present
- Member of the Executive Committee for (CB3) Center for Brain, Biology and Behavior, University of Nebraska-Lincoln (UNL), 2015-Present

#### **D. Professional Positions/Projects – Local/Regional/National/International**

- Founder, Research MRI Center, 2019
- Co-developer, Pan-departmental Research infrastructure, UNMC COM, 2018-present
- Co-Director Center for Integrative and Translational Neuroscience, 2019

- American Neurological Association Liaison to the American Brain Coalition, 2013-2015
- Member, Geriatric Advisory Council, University of Iowa
- Member, Executive Group, University of Iowa Center on Aging
- University of Iowa Liaison to the US Federal Drug Administration (FDA), 2009-2014
- Director, SIREN (Simulator for Research in Ergonomics and Neuroscience) Laboratory, ARGOS (Automobile for Research in Ergonomics and Safety), NIRVANA (Nissan-Iowa Instrumented Vehicle for Ergonomics and Neuroscience), Department of Neurology, University of Iowa
- Director, Visual Function Laboratory, Department of Neurology, University of Iowa
- Senior faculty member, Division of Behavioral Neurology and Cognitive Neuroscience, Department of Neurology, University of Iowa
- Faculty member, Interdisciplinary Neuroscience Graduate Program
- Head, Faculty Review Committee, Neuroscience Ph.D. Program, University of Iowa
- Director, Neurology and Public Policy Center Faculty Recruitment Committee, University of Iowa
- Judge, Inaugural Annual Human Factors Prize: Recognizing Excellence in Human Factors/Ergonomics Research, Human Factors and Ergonomics Society, Santa Monica, CA, 2011
- Advisor to U.S. Air Force: Pilot interactions with F-35 Joint Strike Fighter head mounted augmented reality display, 2011
- Member, Committee on the Effects of Commuting on Pilot Fatigue, Board on Human-Systems Integration, Division of Behavioral and Social Sciences and Education, Transportation Research Board, National Research Council of the National Academies, 2010-2012
- Advisor, Healthcare Systems in Rural Tanzania (Pare District), 2009-Present
- National Academy, National Research Council, Coordinator for the report on Role of Human Factors in Home Health Care, 2009-2011
- U.S. DOT/FMCSA Medical Expert Panel: Parkinson's Disease, Multiple Sclerosis, and Commercial Motor Vehicle Driver Safety, 2009-2010.
- U.S. Department of Transportation. Federal Motor Carrier Safety Administration. Special Advisor on Medical Disorders. 2009-Present.
- U.S. Federal Drug Administration. SGE/Standing Consultant to the Peripheral and Central Nervous System Committee, 2009-Present
- U.S. Army High Performance Small Unit Campaign Advisory Panel Co-Chair (2009). Developed tools and methods to help understand the neural basis of vigilance and cognition and to aid in the maintenance of soldier abilities during periods of stress.



- Co-Founder, Driving Wiki, a free on-line encyclopedia on driving research for dissemination of knowledge and expertise on human factors research in transportation and medicine. (2007-present)
- Organizing Committee, Driving Simulation Conference - North America (DSC-NA) 2007. September 11-12, 2007, Iowa City, Iowa
- Cornell College – Neuro-ergonomics Laboratory Research Fellowship Program, 2007-2014
- American Association of Motor Vehicle Administrators (AAMVA) Driver Fitness Working Group (DFWG); Chair, Medical Review Task Group (MRTG) on Neurologic and Cognitive Disorders, 2006-2009.
- Member, Advisory Board, U.S. Federal Drug Administration Advisory Committee for Peripheral Nervous System and Central Nervous System Drugs, 2006-2009.
- Consultant, Province of British Columbia and Canadian government. Driving and Function Forum. Vancouver, British Columbia, June 16, 2006.
- Federal Motor Carrier Safety Administration (FMCSA) Medical Review Board, appointed by the US Secretary of Transportation, 2005-2009.
- CARSS (Coordinated Assessment of Roadway Simulator Scenarios) for development of standard international simulator scenarios - Co-Founder of with Dr. Donald Fisher, University of Massachusetts at Amherst, 2004-Present.
- Co-Founder (2003), International Simulator Users Group (SUG), for technical factors, scenario development, guidelines and standards to facilitate cross-platform collaboration and clinical trials (<http://www.engineering.uiowa.edu/simusers/>):
- Consultant, Monash University, Accident Research Center/Victorian Institute for Forensic Medicine, Australian Government, 2003-Present.
- American Academy of Neurology Organizer (Member, Patient Safety Workgroup, Practice Committee). 2nd Annual Patient Safety Colloquium. American Academy of Neurology 55th Annual Meeting, Honolulu, Hawaii, March 30, 2003.
- Organizer (Member, Patient Safety Workgroup, Practice Committee). 1st Annual Patient Safety Colloquium: To harm is preventable. American Academy of Neurology 54th Annual Meeting, Denver, CO, April 14, 2002.
- Development Executive and Chief Science Advisor to Engel Entertainment, New York, NY, Producing science and medicine documentaries for major television venues (including PBS, National Geographic Channel, The History Channel, Discovery Channel, Nova and other broadcasters). 2002-Present.
- Organizer and Scientific Committee International Symposium on Human Factors in Driver Assessment, Training and Vehicle Design:
  - Santa Fe, NM, June 24-27, 2019
  - Manchester Village, VT, June 26-29, 2017.
  - Salt Lake City, UT, June 22-25, 2015.
  - Bolton Landing, NY, June 17-20, 2013.

- Lake Tahoe, CA, June 27-30, 2011.
- Big Sky, MT, June 22-27, 2009.
- Stevenson, WA, July 9-15, 2007
- Rockport, ME, June 27-30, 2005
- Park City, UT, July 21-24, 2003.
- Aspen, CO, August 14-17, 2001
- Organizer, Collaboratory for Driving Simulator Research, University of Iowa, Iowa City, IA, February 22-23, 2001.
- Founder, International Symposium on Driver Assessment, Training and Vehicle Design (2000). (<http://www.driving-assessment.org/>)
- American Academy of Neurology Quality Standard Subcommittee Review - Behavioral Neurology. Minor closed head injury, 1997.
- Consultant, Healthcare Technology Systems, Madison, WI, 1997.
- Organizer, Behavior Course. North American Neuro-Ophthalmology Society, 1994
- Advisor to Swedish Government, Vägverket/National Road Administration on Licensing Procedures in Aging and Cognitively Impaired Drivers, 1994.
- Organizer, National Conference on Health Research Using Advanced Driving Simulation for University of Iowa Injury Prevention Center and University of Iowa Center for Computer Aided Design, 1994.
- Faculty, American Academy of Neurology Courses:
  - Cars, Planes and Ailing Brains. San Diego, CA, March 20, 2013.
  - Can I drive? Can I fly? Chicago, IL, April 12, 2008; Seattle, WA, May 2, 2009; Toronto, ON, April 12, 2010; Honolulu, HI, April 15, 2011
  - Hot Topics in Neuro-ophthalmology. Boston, MA, May 5, 2007.
  - Patient Safety (2002-2003)
  - Legislative Affairs and Advocacy Training (1998-2005)
  - Vision and the Brain: A Clinician's Guide (1997)
  - Neuro-ophthalmology (1993)
  - Behavioral Neurology (1990)

## **E. Honors and Awards**

- Scientist Laureate Award, University of Nebraska Medical Center, 2021.
- Featured Researcher (presented by Toyota's Chief Scientist), 50th Midwest U.S.-Japan Association Conference - Growing together in a Global Economy, 2018, Omaha, NE, United States
- Distinguished Scientist Award, University of Nebraska Medical Center, 2017.
- Sponsor, Jennifer Merickel, Travel Award for Top Abstract, American Neurological Association, San Diego, California, 2017.
- Co-sponsor, Eleese McClauren, Best Student Paper, Human Factors and Ergonomics Society, Surface Transportation Technical Group "Variations on a theme: Topic modeling of naturalistic

driving data." 2014.

- Co-sponsor, Anthony McDonald, Best Student Paper, Transportation Research Board 2013. "The Language of Driving Advantages and Applications of Symbolic Data Reduction for Analysis of Naturalistic Driving Data.
- Bartimaeus Award, Detroit Institute of Ophthalmology, Henry Ford Healthcare System, Detroit Michigan, 2013.
- Sponsor, Kuan-Hua Chen, Honda Outstanding Student Award, Driving Assessment Conference, Bolton Landing, New York, 2013.
- Sponsor, Ben Chapin, Award for Outstanding Presentation in Clinical Neuroscience Research University of Iowa Medical Student Research Day Awards, September 7, 2012.
- Fellow, American Neurological Association (F.A.N.A.) 2011.
- Lees, M. N., Cosman, J. D., Lee, J. D., Vecera, S.P., Jang, M., Dawson, J. D., Rizzo, M. International Ergonomics Association (IEA) KU Smith Paper Award Cross-modal alerts for orienting of attention in attention impaired drivers. IEA 2009 XVIIth Triennial Congress, Beijing, China August 10, 2009.
- U.S. Federal Drug Administration Advisory Committee Service Award, 2009.
- U.S. Department of Transportation, Inaugural Medical Review Board Service Award, 2009.
- National Academy, National Research Council, Committee on Human Systems Integration, selected 2007-2010.
- National Academy, National Research Council, Board on Human Systems Integration, selected 2010.
- Alzheimer Association Mission Award, Cedar Rapids, November 29, 2006.
- Paul, A., Boyle, L., Boer, E. R., Tippin, J., Rizzo, M. Honda Outstanding Student Paper Award (Honorable Mention). Steering entropy changes as a function of microsleeps. Proceedings: The Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design, Rockport, ME, June 27-30, 2005.
- Uc E.Y., Rizzo M, Shi, Q., Anderson, S.W., Rodnitzky, R.L., Dawson, J.D. Faculty Award: Research Week – Driver landmark identification and safety errors in mild-moderate Parkinson's disease. Featured in Carver College of Medicine publication, 2004.
- Batchelder, S., Rizzo, M., Vanderleest, R., Vecera, S. Honda Outstanding Student Paper Award. Traffic scene related change blindness in older drivers. In: M. Rizzo, J. D. Lee, & D McGehee, (Eds.). Proceedings: The Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design (pp. 177-181), Park City, UT, July 21-24, 2003.
- Barry, C.J., Smith, D., Lennarson, P., Rizzo M., Jermeland, J., Darling, W., Traynelis, V. J. William Fielding Award. The effects of wearing a restrictive neck brace on driver performance. Cervical Spine Research Society, 2002.
- Best Presentation Award for: The eye, the brain, and the automobile. The Iowa DOT Safety

Management System Older Driver Task Force, University of Iowa, July 19, 2001.

- Outstanding Service Award, Alzheimer's Association's Initial Review Board of the Medical and Scientific Advisory Council, Medical and Scientific Affairs, 1999 Research Grant Program.
- Paper of the year and published in the Yearbook of Medical Informatics, 1998. Schattauer, Pp. 217-223. (Rizzo, M., Reinach, S., McGehee, D., Dawson, J., 1997). Simulated car crashes and crash predictors in drivers with Alzheimer's disease. Archives of Neurology, 54:545-553.
- Key Paper on Color Vision. (Rizzo, M., Smith, V., Pokorny, J., Damasio, A.R., 1997. Color perception profiles in central achromatopsia.) Selected for presentation. In: Byrne A, Hilbert DR. (Eds.). Readings on Color: The Science of Color. Vol.2. Cambridge, MIT Press. Pp. 227-290.
- Elected to American Neurological Association, 1996.
- Fellow, American Academy of Neurology, 1994.
- Resident's Day Award (1981) and Finalist (1982, 1983), University of Iowa, Department of Neurology.

## II. TEACHING

### A. University of Nebraska Medical Center (clinical, research, classroom venues)

#### **Coach**

Cory Shaw, MBA, COO, Nebraska Medicine

#### **M.S. Candidates Mentored**

M.S. Candidate	Deepti Ghate
M.S. Candidate	Sachin Kedar
M.S. Candidate	Kaitlin Smits
M.S. Candidate	Sharayah Swank
M.S. Candidate	Emily Frankel

#### **Residents, Medical Students, Post-doctoral, Graduate, Undergraduate Students Supervised**

Post-Doctoral	Jennifer Merickel, PhD, 2015-2017
Ph.D. Candidate, Post Doc	David Anderson, MS, 2015-2018
	Ryan Miller, BA, 2016-2019
	Rebecca Hiebert, BA, 2018-Present
	Haley Kampschneider, AA, 2018-Present
	Bobby Muelleman, 2017-2018
	Scott Irvin, 2018-2019

#### **Faculty Mentored**

Jennifer Merickel – Assistant Professor, Neurological Sciences, UNMC, 2019-Present  
 Carolin Curtze – Assistant Professor Biomechanics at University of Nebraska Omaha, 2019-Present  
 Diane Ehlers – Assistant Professor, Exercise Neuropsychology, 2018-present  
 Vivien Marmelat – Assistant Professor Biomechanics at University of Nebraska Omaha, 2016-Present  
 Vijaya Bhatt – Assistant Professor, Oncology/Hematology, UNMC, 2016-Present  
 Deepti Ghate – Assistant Professor, Ophthalmology and Visual Sciences, UNMC, 2016-Present  
 Sachin Kedar – Assistant Professor, Neurological Sciences, UNMC, 2015-Present  
 Bethany Lowndes – Assistant Professor, Neurological Sciences, UNMC, 2018-Present

**B. University of Iowa (clinical, research, classroom venues)****Residents, Medical Students, Post-doctoral, Graduate, Undergraduate Students Supervised**

Neurology Resident	Edwin Cruz, M.D., 1997-1998
Neurology Resident	Zakaria Ammache, M.D., 1998-2001
Neurology Resident	Stephanie Sheffield, M.D., 2001-2002
Neurology Resident	Mark Garwood, M.D., 2002-2005
Neurology Resident	Kevin Faber, M.D., 2005-2007
Neurology Resident	Assi Rami, MD., 2009
Neurology Resident	Jeffrey Boyle, MD., Ph.D., 2009-2011
Neurology Resident	Eduardo Zili, M.D., 2011-2013
Neurosurgery Resident	Christopher Barry, M.D., 2001-2003
Postdoctoral Fellow	Jason Barton, M.D., 1990-1991
Postdoctoral Fellow	Mark Nawrot, Ph.D., 1991-1995
Postdoctoral Fellow	Hiromi Akutsu, Ph.D., 1998-2001
Postdoctoral Fellow	Michelle Rusch, Ph.D., 2008-2012
Postdoctoral Fellow	Benjamin Lester, 2013-2015
Ph.D. Candidate	Elease McLaurin, 2013-2018 (Human Factors)
Ph.D. Candidate	Andrew Butler, 1993-1996 (UI Exercise Science and Physiology)
Ph.D. Candidate	Chiara Incoccia, 1994 (U Rome, La Sapienza)
Ph.D. Candidate	Steve Jahns, 1994-1996
Ph.D. Candidate	Michael Mollenhauer, 1995-1998 (UI Engineering)
Ph.D. Candidate	Tammie Cumming, 1996-1998 (UI Education)
Ph.D. Candidate	Mark Pizzimenti, Ph.D., 1997-1998 (UI Exercise Science)
Ph.D. Candidate	Jody Buckwalter, 2000-2001 (UI Neurosciences Program)
Ph.D. Candidate	Jessie Peissig, 2000-2002 (UI Psychology)
Ph.D. Candidate	Andrea Heberlein, 2002-2003 (UI Neurosciences Program)
Ph.D. Candidate	Caroline Lamers, 2002-2004 (U Maastrich, The Netherlands)
Ph.D. Candidate	Beth Turner, 2003-2006 (UI Neurosciences Program)
Ph.D. Candidate	Travis Jewett, 2004 (UI Neurosciences Program)
Ph.D. Candidate	Renerus Stolwyk, 2004-2005 (Monash U)
Ph.D. Candidate	Yi Ching Lee, 2005-2006 (UI Engineering)
Ph.D. Candidate	Yang Lei, 2005-2007 (UI Biostatistics)
Ph.D. Candidate	Joshua Cosman, 2006 (UI Psychology)
Ph.D. Candidate	Nicola Fricke, 2008 (Berlin Technological Institute)
Ph.D. Candidate	Michela Slomp, 2008 (U Modena)
Ph.D. Candidate	Fabián A. Soto (UI Psychology, Dissertation Committee, 2010-2011)
Ph.D. Candidate	Anthony McDonald, 2011-2014 (UI Wisconsin-Madison, Industrial & Systems Engineering)
Ph.D. Candidate	Priya Pennathur, 2012 (K99/R00 Awardee, MIE)
Ph.D. Candidate	Abraham Graber, 2013 (UI Philosophy)
Ph.D. Candidate	Lauren Sager, 2013-2015 (Biostatistics)
Ph.D. & M.S. Candidate	Sarah Batchelder, 2001-2002 (UI Psychology; UAB)
Ph.D. & M.S. Candidate	Rebecca Sheffield, 2002-2004
Ph.D. & M.S. Candidate	Ida Kellison, 2002-2004 (UI Psychology; U Florida)
Ph.D. & M.S. Candidate	Qian Shi, 2003-2006 (UI Biostatistics)
Ph.D. & M.S. Candidate	JonDavid Sparks, 2004-2008 (UI Biostatistics)
Ph.D. & M.S. Candidate	Mi Jing Jang, 2007-2008 (UI Biostatistics)
Ph.D. & M.S. Candidate	Elizabeth Dastrup, 2007-2011 (UI Biostatistics)
Ph.D. & M.S. Candidate	Amy Johnson, 2008-2014 (UI Biostatistics)
Ph.D. & M.S. Candidate	Kuan-Hua Chen, 2009-2015 (UI Neuroscience)
Ph.D. & M.S. Candidate	Zachary Roper, 2010-2011
Ph.D. & M.S. Candidate	Yu Lixi, 2010-2015 (UI Biostatistics)
Ph.D. Candidate	Mickaël Causse (PhD committee, Inserm, Toulouse, FR, 2010)



Ph.D. Candidate	Maud Ranchet, INRETS-Lescot – PhD (2010)
M.S. Candidate	Diane Rotella, 1992-1996 (UI Exercise Science)
M.S. Candidate	Steven Reinach, 1994-1996 (UI Engineering)
M.S. Candidate	Maryanne Stec, 1997-1999
M.S. Candidate	Tara Smyser, 2000-2002 (UI Engineering)
M.S. Candidate	Nicole Skaar, 2000-2003
M.S. Candidate	Erik Asp, 2006-2007 (UI Neurosciences)
M.S. Candidate	Jen Smothers, 2001-2003 (Cornell College)
M.S. Candidate	Joan Severson, 2001-2004 (UI Engineering)
M.S. Candidate	Amit Paul, 2004-2005 (UI Engineering)
M.S. Candidate	Jamie Emerson, 2008 -2011
M.S. Candidate	Sarah D. Hacker, 2012-2015
M.S. & B.S. Candidate	Mark Schall, 2008-2015 (UI Engineering)
M.D. Candidate	Rodney Short, 1992 (UI College of Medicine)
M.D. Candidate	Johnson Moon, 2001-2003
M.D. Candidate	Sean McEvoy, 2003-2005 (UI Psychology)
M.D. Candidate	Thomas Pietras, 2003-2005
M.D. Candidate	Katherine Johanson, 2007-2008
M.D. Candidate	George Hadjipavlou, 2008 (Oxford University, UK)
M.D. Candidate	Ben Chapin, 2012-2013, (CCOM, Doris Duke Summer Fellowship)
J.D. Candidate	Allen Best, 2007-2010 (UI Law)
B.S. Candidate	Lucas Davisson, 2001 (UI Engineering)
B.S. Candidate	Zach Paulsen, 2001-2003
B.S. Candidate	Aaron Plattner, 2001 (Caltech)
B.S. Candidate	Patrick Gavin 2009-10 (UI Engineering)
B.S. Candidate	Ryan DeFranco 2010 (UI Engineering)
B.S. Candidate	Caitlin Stickney 2010 (UI Engineering)
B.S. Candidate	Ian Flynn, 2009-2010 (UI Engineering)
B.S. Candidate	Samantha Edwards, 2011 (UI Engineering)
B.S. Candidate	Brian Fiscus, 2011-2014 (UI Engineering)
B.S. Candidate	Rebecca Leib, 2011-2014 (UI Engineering)
B.S. Candidate	Tara Ohrt, 2012-2014
B.A. Candidate	David Anderson, 2007-2009 (UI Psychology)
B.A. Candidate	Lindsey Carter, 2007-2008 (Cornell College)
B.A. Candidate	Jonathan Corpman, 2007-2009 (UI Psychology)
B.A. Candidate	Sydney Harman, 2007-2008
B.A. Candidate	Brendan Honick, 2007-2008 (Miami U., Oxford, OH)
B.A. Candidate	Katherine Read, 2007-2008 (Cornell College); 2010-
B.A. Candidate	Evelyn Ross, 2007-2008 (Scripps College, Clearmont, CA)
B.A. Candidate	Tana Truelove, 2007 (UI Psychology)
B.A. Candidate	Monica Severson, 2006-2008 (Smith College)
B.A. Candidate	Meghan Sievertsen, 2006-2008 (UI Exercise Science)
B.A. Candidate	Tyler Switalski, 2006-2008 (UI Psychology)
B.A. Candidate	Nicholas Gaspelin, 2006-2008 (UI Psychology)
B.A. Candidate	Benjamin Lester, 2005-2007 (UI Psychology)
B.A. Candidate	Ashley Stillman, 2009-2010 (Cornell College)
B.A. Candidate	Natalie Sauer, 2009-2010 (UI Psychology)
B.A. Candidate	Kelsey Thompson, 2010 (St. Olaf's College)
B.A. Candidate	Hannah Schlenker, 2011 (UI Tippie College of Business)
B.A. Candidate	Lacy Flanagan, 2013-2015
MPH Candidate	Jessica Ferdig, 2013-2015

- Leader, Team to Procure Magnetic Resonance Imaging Research Scanner, 2018-Present
- Senior Leadership Committee, Department of Neurological Sciences, University of Nebraska Medical Center, 2014-Present
- Clinical Operations Council, University of Nebraska Medical Center, 2015-Present
- Clinical Chairs Advisory Board, University of Nebraska Medical Center, 2014-Present
- UNMC Physicians Board of Directors, University of Nebraska Medical Center, 2014-2016
- Member, IM Governance Corporate Relations/Technology Transfer Subcommittee, UNeMed, University of Nebraska Medical Center, 2014-present
- Chair, Psychiatry Department Review Committee, University of Nebraska Medical Center, 2016-2017
- Executive Committee – Ambulatory, University of Nebraska Medical Center, 2016-Present
- Neurosciences Advisory Group, University of Nebraska Medical Center
- Member, Neuroscience Clinic Access Steering Committee, University of Nebraska Medical Center
- Co-Director, Neurosciences Program Physician Leadership Group, University of Nebraska Medical Center

#### **University of Iowa – Contributions to University Programs**

- Award Recipient and Sponsor, Ida Cordelia Beam Distinguished Visiting Professorships Program 2009-2010 (Neurology and Ob/Gyn). “A Walk to Beautiful”: enhancing quality of life and women’s health in developing nations; Steven Engel and Heidi Reavis.
- Author, Framework for UI Institute for Human-Systems Integration (IHSI) — to advance the human-systems integration in health, safety, and transportation. Engineering/Medicine/ VPR Office, March 28, 2008.
- Co-Developer, Framework for Departmental Program for Research in Neurological Diseases, 2009.
- Research Faculty, Simulator Core, Injury Prevention Research Center, 2000-2014
- Executive Group, Center on Aging, 2011-2014
- Faculty Member/Mentor, Center on Aging, 1994-2014
- Chair, Program Faculty Committee, Neuroscience Graduate Program, 1997-2014
- Faculty Associate and Mentor, Center on Aging, 1994-2014
- Human Subjects Internal Review Board (Committee A), 1994-1999

- Continuing Medical Education Committee, 1993-1995

### III. SCHOLARSHIP/PROFESSIONAL PRODUCTIVITY

#### A. Publications or Creative Works

##### Papers

Wang, S., Sharma, A., Dawson, J., Rizzo, M., Merickel, J. (2021). Visual and cognitive impairments differentially affect speed limit compliance in older drivers. *Journal of the American Geriatrics Society*. doi: 10.1111/jgs.17008

Brey, R., Ostendorf, T., Rizzo, M., Sacco, R. (2021) Academic Neurology Departments: Structure, Diversity and Financial Pressures in 2019 vs 2002. *Neurology*

Johnson, L J., Rohde, J., Cramer, M.E., Zimmerman, L., Geary, C., Tibbits, M.K., Rizzo, M., Estabrooks, P.A. (2020), Engaging Clinical and Translational Research Network Members in Participatory Needs Assessment and Action Planning.

Ozcan, K., Sharma, A., Knickerbocker, S., Merickel, J., Hawkins, N., Rizzo, M., (2020), Road Weather Conditions Estimation Using Fixed and Mobile Based Cameras. In: Arai, K., Kapoor, S., (eds) *Advances in Computer Vision. Computer Vision Conference, October 27 - November 2, 2019. Advances in Intelligent Systems and Computing*, vol 943. Springer, Cham

Anderson, D.E., Kedar, S., Bhatt, V.R., Schmid, K., Holstein, S.A., & Rizzo, M. (2020). Neurophysiologic and ophthalmic markers of chemotherapy-related cognitive impairment in patients diagnosed with hematologic cancer. *Journal of Neurological Sciences*, 410, 116644.

Zhou, D., Mikuls, T., Schmidt, C., England, B., Bergman, D., Rizzo, M., Merickel, J., Michaud, K. (2020). Driving Ability and Safety in Rheumatoid Arthritis: A Systematic Review. *Arthritis Care & Research*.

Anderson, D.E., Bhatt, V.R., Schmid, K., Holstein, S.A., Berger, A., & Rizzo, M. (2019). Neurophysiological evidence of impaired attention and working memory in pre-treatment hematologic cancer patients. *Clinical Neurophysiology*, 130, 1243-1252.

Merickel, J., High, R., Dawson, J., Rizzo, M. (2019). Real-world risk exposure in older drivers with cognitive and visual dysfunction. *Traffic Injury Prevention*, 20(sup2), S110-S115. Doi: 10.1080/15389588.2019.1688794.

Chakraborty, P., Merickel, J., Shah, V., Sharma, A., Hegde, C., Desouza, C., Drincic, A., Gunaratne, P., Rizzo, M. (2019). Quantifying vehicle control from physiology in type 1 diabetes. *Traffic Injury Prevention*, 20(sup2), S26-S31. doi: 10.1080/15389588.2019.1665176.

Shah, V., Merickel, J., Chakraborty, P., Hegde, C., Sharma, A., Gunaratne, P., Drincic, A., Desouza, C., Rizzo, M. (accepted). Quantifying driver speed behavior from real-time physiology in type 1 diabetes. *Proceedings of the 5<sup>th</sup> International Symposium on Future Active Safety Technology (FAST-zero)*, Blacksburg, VA.

Lowndes, B., Frankel, E., Kampschnieder, H., Merickel, J., Garvin, K., Rizzo, M. (2019). Task analysis for measuring mobility and recovery following right-sided TKA: Toward determining driver readiness. *Proceedings of the 10<sup>th</sup> International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*, 175-181.

Merickel, J., High, R., Dawson, J., Rizzo, M. (2019). Real-time effects of age-related cognitive dysfunction on driver vehicle control. *Proceedings of the 10<sup>th</sup> International Driving Symposium on Human Factors in Driver*

Assessment, Training, and Vehicle Design, 50-56.

Merickel, J., Robin, H., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Gunaratne, P., Ebe, K., Rizzo, M. (2019). Driving safety and real-time glucose monitoring in insulin-dependent diabetes. *International Journal of Automotive Engineering*, 10(1), 34-40. doi: 10.20485/jsaeijae.10.1\_34

Riera, L., Ozcan, K., Merickel, J., Rizzo, M., Sarkar, S., Sharma, A., (2019), Driver Behavior Analysis Using Lane Departure Detection Under Challenging Conditions, (Submitted) 22<sup>nd</sup> Intelligent Transportation Systems Society Conference, Auckland, NZ, October 27-30, 2019

Anderson, D.E., Ghate, D.A., Kedar, S., Rizzo, M. (2019). Spatially biased eye movements in drivers with glaucoma and visual field defects. *Proceedings of the Tenth International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*. Santa Fe, New Mexico: The University of Iowa, Public Policy Center. Merickel J; Rizzo M. Quantification of Real-World Life Space from Instrumented Vehicles in Drivers with Cognitive Aging. American Academy of Neurology 71st Annual Meeting; May 08, 2019. Philadelphia, PA

Jerath NU, Aksan N, Dawson JD, Rizzo M, Uc EY, Feeley S, Shy ME (2019). Simulator-based evaluation of driving in individuals with Charcot Marie Tooth Disease Type 1A. *Neurology*, SAE International Journal of Transportation Safety, Manuscript Number: JTS-2018-0027R1, March 2019.

Ghate D; Anderson D; High R; Smith L; Ndulue J; Gulati V; Kedar S; Rizzo M. Mapping visual fields in a panoramic driving simulator under different task loads in patients with glaucoma. Annual Meeting of the Association for Research in Vision and Ophthalmology, Vancouver, BC, 2019

Ghate, D.A., Anderson, D.E., High, R., Smith, L.M., Ndulue, J., Gulati, V., Kedar, S., & Rizzo, M., (2019). Mapping visual fields in a panoramic driving simulator under different task loads in patients with glaucoma *Proceedings of the Tenth International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*. Santa Fe, New Mexico: The University of Iowa, Public Policy Center. Merickel, J., High, R., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Gunaratne, P.,

Ebe, K., Rizzo, M., Driving safety and real-time glucose monitoring in insulin-dependent diabetes. *International Journal of Automotive Engineering*. 10 : 34-40. 2018

Anderson, D., Bhatt, V., Schmid, K., Lunning, M., Holstein, S., Rizzo, M. (2018). An Electrophysiological Measure of Impaired Information Processing in Drivers with Hematological Malignancy, Transportation Research Board 97th Annual Meeting, No. 18-06350. December 2018, 2672 (37): p. 64-73

Bishop, M. O.; Dawson, J. D.; Merickel, J.; Rizzo M. Reducing accelerometer data in instrumented vehicles. *Proceedings of the Joint Statistical meetings*. 2018; p. 2420-2427

Hein, N.; Wichman, C.; Smith, L.; Merickel, J.; Drincic, A.; Rizzo M; Desouza, C. Methods to improve glucose variability estimates in patients with insulin dependent T1DM. *Proceedings of the Statistical Meetings*. 2018; p. 2007-2027

Bishop, M. O.; Dawson, J. D.; Merickel, J.; Rizzo M. Reducing accelerometer data in instrumented vehicles. *Proceedings of the Joint Statistical meetings*. 2018; p. 2420-2427

Wang, S.; Sharma, A.; Merickel, J.; Rizzo M. Assessing the impact of roadway characteristics on older drivers using naturalistic driving data. Gerontological Society of Americas 2018 Annual Scientific Meeting; 2018. Boston, MA

McLaurin, E. J., Lee, J. D., McDonald, A. D., Aksan, N., Dawson, J., Tippin, J., & Rizzo, M. (2018). Using topic modeling to develop multi-level descriptions of naturalistic driving data from drivers with and without sleep

apnea. *Transportation Research Part F: Traffic Psychology and Behaviour*, 58, 25-38.  
doi:<https://doi.org/10.1016/j.trf.2018.05.019>

Merickel, J., Robin, H., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Gunaratne, P., Ebe, K., Rizzo, M. (2017). At-risk driving behavior in drivers with diabetes: A neuroergonomics approach. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 1881-1885.

Uc, E. Y., Rizzo, M., O'Shea, A. M. J., Anderson, S. W., & Dawson, J. D. (2017). Longitudinal decline of driving safety in Parkinson disease. *Neurology*, 89(19), 1951-1958.  
doi:10.1212/wnl.0000000000004629

McDonald, A. D., Lee, J. D., Aksan, N. S., Dawson, J. D., Tippin, J., & Rizzo, M. (2017). Using kinematic driving data to detect sleep apnea treatment adherence. *Journal of Intelligent Transportation Systems*, 21(5), 422-434. doi:10.1080/15472450.2017.

Anderson, D.E., Ghate, D., Kedar, S., & Rizzo. (2017). A new method for estimating effects of visual field loss in a panoramic driving environment. *Human Factors in Driver Assessment, Training, and Vehicle Design: The University of Iowa, Public Policy Center*.

Dawson JD, Bair E, Aksan N, Sewell K, Tippin J, Rizzo M (2017). Contextualizing naturalistic driving data in a rural state among drivers with and without obstructive sleep apnea. *Proceedings of Driving Assessment 2017: Human Factors in Driving Assessment, Training and Vehicle Design*, NIHMSID: NIHMS873035

Aksan, N., Marini, R., Tippin, J., Dawson, J., & Rizzo, M. (2017). Driving Performance and Driver State in Obstructive Sleep Apnea: What Changes with Positive Airway Pressure? *Proc Int Driv Symp Hum Factors Driv Assess Train Veh Des*, 2017, 9-15. doi:10.17077/drivingassessment.1608

Graber, A., Carter, S., Bhandary, A., & Rizzo, M. (2017). The Case for Enrolling High-Cost Patients in an ACO. *HEC Forum*, 29(4), 359-365. doi:10.1007/s10730-017-9333-4

Aksan, N., Marini, R., Tippin, J., Dawson, J., & Rizzo, M. (2017). Effects of Actigraphically Acquired Sleep Quality on Driving Outcomes in Obstructive Sleep Apnea Patients and Control drivers: A Naturalistic Study. *Proc Int Driv Symp Hum Factors Driv Assess Train Veh Des*, 2017, 242-250. doi:10.1007/978-3-319-60441-1\_24

Aksan, N., Sager, L., Hacker, S., Lester, B., Dawson, J., Rizzo, M., Ebe, K., Foley, J. (2017). Individual differences in cognitive functioning predict effectiveness of a heads-up lane departure warning for younger and older drivers. *Accident Analysis & Prevention*, 99(A):171-183.

Aksan N, Sager L, Hacker S, Marini R, Dawson J, Anderson S, Rizzo M (2016). Forward collision warning: Clues to optimal timing of advisory warnings. *SAE International Journal of Transportation Safety*, 4(1):107-112. <http://dx.doi.org/10.4271/2016-01-1439>

Muir, C., Charlton, J., Odell, M., Keeffe, J., Wood, J., Bohensky, M., Fildes, B., Oxley, J., Bentley, S., Rizzo, M. (2016) Medical review licensing outcomes in drivers with visual field loss in Victoria, Australia. *Clin Exp Optom*. 2016 Sep; 99(5):462-8. Doi: 10.1111/cxo.12442. PubMed PMID: 27530283.

Rusch, M., Schall, M., Lee, J., Dawson, J., Edwards, S., Rizzo, M. (2016). Time-to-contact estimation errors among older drivers with useful field of view impairments. *Accident Analysis & Prevention*, 95(Pt A):284-291. PMC: PMC4992624, PMID: 27472816

Tippin, J., Aksan, N., Dawson, J., Anderson, S., Rizzo, M. (2016). Persistent sleep disruption and residual sleepiness after introduction of positive airway pressure therapy: a study of actigraphy-derived



sleep metrics. *Sleep Medicine*, 24:24-31.

Tippin, J., Aksan, N., Dawson, J., Anderson, S., Rizzo, M. (2016). Sleep remains disturbed in obstructive sleep apnea patients treated with positive airway pressure: A three-month cohort study using continuous actigraphy. *Sleep Medicine*, 24, 24-31, <http://dx.doi.org/doi:10.1016/j.sleep.2016.07.008>.

Graber, A., Bhandary, A., Rizzo, M. (2016) *Ethical Practice Under Accountable Care*, HEC Forum, HealthCare Ethics Committee Forum: An Interprofessional Journal on Healthcare Institutions' Ethical and Legal Issues, ISSN 0956-2737, Volume 28, Number 2. HEC Forum (June 2016) 28:115-128, DOI 10.1007/s10730-015-9280-x

A.A. Capizzano, L. Lai, J. Kim, M. Rizzo, L. Gray, M.K. Smoot, T. Moritani, (2016) Atypical Presentations of Intracranial Hypotension: Comparison with Classic Spontaneous Intracranial Hypotension *AJRN March 3, 2016, 10.3174/ajnr.A4706*

Aksan, N., Sager, L., Hacker, S., Lester, B., Dawson, J., Rizzo, M. (2016). Benefits from heads-up lane departure warnings predict safety in the real world. *SAE Technical Paper 2016-01-1443*. <http://dx.doi.org/10.4271/2016-01-1443>

Aksan N, Hacker S, Sager L, Dawson J, Anderson S, Rizzo M (2016). Correspondence between simulator and on-road drive performance: Implications for training and rehabilitation. *Geriatrics*, 1(1), 8.

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## **Abstracts/Presentations**

Merickel, J., Rizzo, M. (2020) Advancing healthcare with digital monitoring in transportation. Virtual presentation at IEEE Intelligent Vehicles Symposium. Las Vegas, NV

Michaud, K., Merickel, J., Gwon, Y., Sayles, H., Kampschnieder, H., Hiebert, R., Petro, A., England, B., Rizzo, M., Mikuls, T. (2020). A Prospective Cohort Study of Vehicle Control as a Measure of Driving Performance in Patients with Rheumatoid Arthritis. Poster presented to the 2020 American College of Rheumatology's (ACR) Annual Meeting, Virtual Meeting.

Ergun UC., Rizzo, M., Anderson, S., Dawson, J. (2020). Evolution of Cognition in Mild-Moderate Parkinson's Disease. Abstract accepted to the 2020 American Academy of Neurology's (AAN) 2020 Annual Meeting, Toronto, CA

Chakraborty, P., Merickel, J., Shah, V., Sharma, A., Hegde, C., Desouza, C., Drincic, A., Gunaratne, P., Rizzo, M. (2019). Predicting risk from physiology in drivers with type 1 diabetes. Paper accepted to the 2019 Association for the Advancement of Automotive Medicine's (AAAM) 63<sup>rd</sup> Annual Scientific Conference, Madrid, Spain.

Merickel, J., Frankel, E., Rizzo, M. (2019). Quantification of real-world life space from instrumented vehicles in drivers with cognitive aging. Poster presented to the American Academy of Neurology's (AAN) 2019 Annual Meeting, Philadelphia, PA.

Anderson, D.E., Ndulue, J.K., Rizzo, M., & Ghate, D. (2019). Visual field loss in glaucoma and visual search performance during an on-road drive. *Annual Meeting of the American Academy of Ophthalmology*. San Francisco, CA.

Bader, J.P., Anderson, D.E., Sharp, M., Rizzo, M., & Ghate, D.A. (2019). Binocular visual fields, simulated driving performance, and self-reported driving in glaucoma. *Annual Meeting of the Association for Research in Vision and Ophthalmology*. Vancouver, British Columbia.

Riera, L; Ozcan, K; Merickel, J; Rizzo M; Sarkar, S; Sharma, A. Driver Behavior Analysis Using Lane Departure Detection Under Challenging Conditions. IEEE Intelligent Transportation Systems Conference - ITSC 2019; Auckland, New Zealand. 2019

Merickel JI; Shah, V.; Charkraborty, P.; Sharma, A; Hegde, C.; Gunaratne, P.; Drincic, A.; Desouza, C; Rizzo, M. Impact of physiology and environment on vehicle control behavior in drivers with type 1 diabetes: 5th International Symposium on Future Active Safety Technology (FAST-zero); Blacksburg, VA. 2019

Kampschnieder HR; Frankel EL; Merickel JI; Rizzo M; Bhatti D; Lowndes BR. An application of task analysis to compare task performance and mobility of participants with Parkinsons Disease to healthy controls. International Symposium on Human Factors and Ergonomics in Health Care; Chicago, Illinois. 2019

Barnwal, A.; Merickel, J.; Riera-Garcia, L.; Ozcan, K.; Sarkar, S.; Sharma, A.; Rizzo M. Linking age-related decline to driver behavior at signalized intersections. 2019 Association for the Advancement of Automotive Medicine 63rd Annual Scientific Conference; 2019. Madrid, Spain

Merickel, J.; High, R.; Dawson, J.; Rizzo M. Linking age-related cognitive and visual decline to momentary vehicle control. 2019. Association for the Advancement of Automotive Medicine 63rd Annual Scientific Conference; 2019. Madrid, Spain

Merickel JI; High, R.; Dawson, J; Rizzo, M. Older driver braking and accelerating behavior during times of day with increased crash risk: 5th International Symposium on Future Active Safety Technology (FAST-zero); Blacksburg, VA. 2019

Shah, V; Merickel, J; Chakraborty, P; Hedge, C; Sharma, A; Gunaratne, P; Drincic, A; Desouza, C; Rizzo M. Quantifying driver speed behavior from real-time physiology in type 1 diabetes: 5th International Symposium on Future Active Safety Technology (FAST-zero); September 9-11, 2019; Blacksburg, VA.

Merickel JI; High, R.; Dawson, J; Rizzo M. Real-time effects of age-related cognitive dysfunction on driver vehicle control: International Driving Symposium 10th Annual Meeting, June 24, 2019, Santa Fe, NM.

Lowndes BR; Frankel EL; Kampschnieder HR; Merickel, J.; Garvin, K.; Rizzo M. Task analysis for measuring mobility and recovery following right-sided TKA: Toward determining driver readiness. International Driving Symposium 10th Annual Meeting; June 24, 2019, Santa Fe, NM.

Bader J; Ghate D; Anderson D; Ndulue J; Rizzo M. Binocular visual fields, simulated driving performance and self-reported driving in glaucoma. 2019 ARVO Annual Meeting; 2019 April 28- May 02. Vancouver, Canada

Smith; Rizzo M. Strategies to Decrease Post Hospital Discharge Negative Outcomes for Patients with Neurological Diseases - Poster Presentation. American Academy of Neurology 71st Annual Meeting; 2019 May 09. Philadelphia, PA

Ozcan, K.; Sharma, A.; Knickerbocker, S; Hawkins, N.; Merickel, J.; Rizzo M. Road weather condition estimation using fixed and mobile based cameras. Computer Vision Conference 2019 Meeting; 2019. Las Vegas, NV

Rizzo, M.; My Car the Doctor: Using Driving Sensing to Monitor Cognitive Change in Aging and Neurodegenerative Impairments. NIA Digital Biomarkers, NIA/NIH Sponsored Workshop; 2019 April 25-26. Bethesda, MD

Frankel EL; Kampschnieder HR; Merickel, J.; Garvin, K.; Rizzo M; Lowndes BR. Measuring mobility recovery following right-sided TKA: The first step in a neuroergonomic approach. HFES 2019 International Symposium on Human Factors and Ergonomics in Health Care; 2019 March 24. Chicago, IL

Zhou, D. J.; Mikls, T. R.; Schmidt, C.; England, B.; Bergman, D. A.; Rizzo M; Merickel, J.; Michaud, K. Driving performance and safety in rheumatoid arthritis: A systematic review. American College of Rheumatology and Association of Rheumatology Health Professional's 2018 Annual Meeting; 2018. Chicago, IL

Bishop, M; Dawson J; Merickel, J; Rizzo M. Reducing accelerometer data in instrumented vehicles. 2018 Joint Statistical Meeting; 2018. Vancouver, Canada

Phatak VS; Merickel JL; Frankel EL; Dawson, J; Rizzo M. Comparisons Between Older Driver Self-report of Driving and Objective Real-world Driving. American Association for the Advancement of Science Annual Meeting; Austin, TX. 2018 Feb

Liu, C., Merickel, J., Sharma, A., Rizzo, M. (2018). Naturalistic Driving Data Indexes Travel Patterns & Exposure in at-Risk Older Drivers, Poster will be presented at the American Neurological Association's Annual Meeting, Philadelphia, October 21-23, 2018.

Phatak VS; Merickel JL; Frankel EL; Dawson J; Rizzo M. Subjective Report of Driving and Objective Real World Driving Habits in Older Adults. The Gerontological Society of America Annual Meeting; Boston, MA., October 2018

Liu, C.; Sharma, A.; Merickel, J.; Rizzo M. Naturalistic driving data indexes travel patterns and exposure in at-risk older drivers. American Neurological Association 143rd Annual Meeting; 2018. Atlanta, GA

High, R., Merickel, J., Rizzo, M. (2018). Computing Rate Models in Driving Studies. *Poster presented to the Institutional Development Award for Clinical Translation Research (IDeA CTR) Big Data Methodology Workshop*, Omaha, NE.

Anderson, D.E., Ghate, D., Kedar, S., Gulati, V., Sharp, M., & Rizzo, M. (2018). Mapping glaucomatous visual fields during panoramic driving simulation. *Annual Meeting of the Vision Sciences Society*. St. Pete Beach, FL.

Uc, E., Magnotta, V., Darling, W., Bruss, J., Doerschug, K., Thomsen, R., Kline, J., Anderson, S., Rizzo, M., Voss, M., Dawson, J. (2018). Effects of Aerobic Exercise on the Cerebral White Matter in Parkinson's Disease



Determined by Diffusion Tensor Imaging, American Academy of Neurology Annual Meeting, Los Angeles, April 21-27, 2018

Hein, N., Wichman, C., Smith, L., Merickel, J., Drincic, A., Rizzo, M., Desouza, C. (2018). Development of Robust Measurement of Glucose Variability in Patients with Diabetes. Talk accepted to the Joint Statistical Meetings, Vancouver, Canada, July 28-Aug. 2, 2018.

Anderson, D; Kedar, S; Bhatt, V.R.; Holstein, S.A.; Rizzo M. Visuo-retinal effects of chemotherapy in hematological malignancy. Annual Research Symposium; Iowa City, IA. 2018

Merickel, J., Robin, H., Smith, L., Frankel, E., Smits, K., Drincic, A., Desouza, C., Ebe, K., Rizzo, M. (2017). Ecological momentary sensor data indexes cognition and behavior in-the-wild in drivers with insulin-dependent diabetes. American Neurological Association's 141st Scientific Session, Baltimore, MD., Oct. 16, 2017.

Merickel, J., Robin, H., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Ebe, K., Rizzo, M. (2017). Driving safety and real-time glucose monitoring in insulin-dependent diabetes. Fast-zero '17 Fourth International Symposium on Future Active Safety Technology, Nara, Japan, Sept. 18-22, 2017.

Merickel, J., Robin, H., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Ebe, K., Rizzo, M. (2017). At-risk driving behavior in drivers with diabetes: A neuroergonomics approach. Human Factors and Ergonomics Society Annual Meeting, Austin, Texas, Oct. 9-13, 2017.

Anderson, D.E., Ghate, D.A., Kedar, S., & Rizzo. (2017). A new method for estimating effects of visual field loss in a panoramic driving environment. *Ninth International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design*. Manchester Village, Vermont, June 26-29, 2017.

Merickel, J., Robin, H., Smith, L., Wichman, C., Frankel, E., Smits, K., Drincic, A., Desouza, C., Ebe, K., Rizzo, M. (2017). Linking real-time blood glucose to driver risk in diabetes, American Diabetes Association's 77<sup>th</sup> Scientific Session, San Diego, CA, June 11, 2017.

Anderson, D.E., Ghate, D.A., Gulati, V., Kedar, S., & Rizzo. (2017). Piloting a new method for estimating effects of visual field loss in a panoramic driving environment. *Annual Meeting of the Association for Research in Vision and Ophthalmology*. Baltimore, MD. May 7-11, 2017

Ahmed, F., Balasetti, V., Sajja, K., Jayagopal, L., Stenzel, L., Devarapalli, S., Aryal Pandit, A., Kasi Reddy, S., Smith, E., Ali, F., Mourya Galla, K., Baang, H., Maher, H., Samson, K., Kedar, S., Rizzo, M., Diesing, T., Gonzalez Castellon, M., *Factors in unplanned readmission or ED visit with 30 days of discharge from an inpatient Neurology Service*, American Academy of Neurology 69<sup>th</sup> Annual Meeting, Boston, April 27, 2017.

Galla, K., Alkhalifah, M., Pedavally, S., Mudugal, D., Balasetti, V., Sajja, K., Jayagopal, L., Ahmed, F., Devarapalli, S., Stenzel, L., Aryal Pandit, A., Kasi Reddy, S., Smith, E., Baang, H., Ali, F., Maher, H., Samson, K., Rizzo, M., Diesing, T., Gonzalez Castellon, M., Kedar, S., *Factors affecting post-discharge outcomes in hospital patients with non-surgical neurological diseases*, American Academy of Neurology 69<sup>th</sup> Annual Meeting, Boston, April 27, 2017.

Balasetti, V., Samson, S., Maher, H., Sajja, K., Jayagopal, L., Ahmed, F., Devarapalli, S., Kasi Reddy, S., Stenzel, L., Aryal Pandit, A., Galla, K., Smith, E., Ali, F., Baang, H., Pedavally, S., Alkhalifah, M., Mudugal, D., Gonzalez Castellon, M., Diesing, T., Rizzo, M., Kedar, S. *Post-hospitalization follow-up clinic visits in neurological diseases*, American Academy of Neurology 69<sup>th</sup> Annual Meeting, Boston, April 24, 2017.

Ghate, D.A., Anderson, D.E., Gulati, V., Kedar. S., & Rizzo. (2017). Piloting a new method for estimating effects of visual field loss in a panoramic driving environment. *43<sup>rd</sup> Annual Meeting of the North American Neuro-Ophthalmology Society*. Washington, DC., April 1-6, 2017.

Consultant for *Examining FMCSA Vision Standard for CMV Drivers and Waiver Program, Work Plan for DTMC75-14-D-00011L Task Order 7006*, Federal Motor Carrier Safety Administration, Dec. 19, 2016.

Rizzo, M., *Clinical-Translational Research*, Under the Microscope video series, aired Nov. 15, 2016.

Rizzo, M., *CTE Symposium with Bennett Omalu*, Initiated Meeting and Facilitated Tour of the Mind and Brain Health Laboratories, Nov. 2, 2016

Rizzo M. (invited speaker) 5<sup>th</sup> International Conference on Neuroeconomics and Neuromanagement. School of Management, Zhejiang University. Hangzhou, China

Graber, A., Rizzo, M., Bhandary, A. (September 16-17, 2015) Ethics under accountable care. ACO and Population Health Management, Opal Events. Dallas, Texas

Uc, E.Y., Magnotta, V., Johnson, H., Zarei K., Cassell, M., Bruss, J., Doerschug, K., Thomsen, T., Kline, J., Anderson, S., Rizzo, M., Kramer, A., Voss, M., Dawson, J., Darling, W. (April 18-25, 2015) Effects of Aerobic Exercise on Striatum and Substantia Nigra in Parkinson's Disease American Academy of Neurology 67th Annual Meeting, Walter E. Washington Convention Center in Washington, DC

McLaurin, E., McDonald, A.D., Lee, J.D., Aksan, N., Dawson, J.D., Tippin, J., & Rizzo, M. (2014). Variations on a theme: Topic modeling of naturalistic driving data. Human Factors and Ergonomics Society Proceedings

Aksan, N., Tippin, J., Dawson J, Anderson, S., Rizzo, M. (June 2014). Improvement in actigraphy-derived sleep metrics following PAP-therapy in OSA, Annual Meeting of the Associated Professional Sleep Societies (APSS), Minneapolis, MN.

Lester, B. D. L., Vercera, S. P., & Rizzo, M. (May 16-21, 2014). Executive functioning can mediate age-related changes in oculomotor attentional disengagement. Annual meeting of the Vision Sciences Society. St. Petersburg, Florida.

Aksan, N., Tippin J., Dawson, J., Anderson, S., & Rizzo M. (May 31-June 4, 2014). Normalization in actigraphy-derived sleep metrics following PAP-therapy in OSA. American Academy of Sleep Medicine. Minneapolis, Minnesota.

Lester, B. D. L., Hacker, S. D., Vercera, S. P., & Rizzo, M. (November 14-17, 2013). Increasing attentional adhesion: Occupying executive working memory delays visuospatial attentional disengagement. Poster presentation at the 21st Meeting on *Object, Perception, Attention, and Memory*. Toronto, Ontario, Canada

Aksan, N, Schall, M., McDonald, A., Dawson, J., Anderson S., Lee J., Tippin, J. & Rizzo, M. (October 13-15, 2013). Self-regulation of real-world driving changes after PAP-treatment in OSA. Annual *American Neurological Association Meeting*, New Orleans, LA.

Aksan, N., Tippin J., Dawson, J., Anderson, S. & Rizzo, M. (October 13-15, 2013). Time course of improvement in sleepiness in OSA after introduction of PAP. *Annual American Neurological Association Meeting*, New Orleans, LA.

Rizzo M. (September 30-October 4, 2013) Human-systems integration in electronically-mediated care coordination. Human Factors and Ergonomics Society 2013. *International Annual Meeting*. San Diego,

CA.

McDonald, T., Aksan, N., Dawson, J., Lee, J. D., Tippin, J., & Rizzo, M. (in press). Highway healthcare: How naturalistic driving data index adherence to CPAP therapy in obstructive sleep apnea. *HFES 2013 International Annual Meeting*. San Diego, CA. September 30-October 4, 2013

Uc, E. Y., Darling, W., Doerschug, K., Dawson, J., Anderson, S. W., Magnotta, V., Rizzo, M., Thomsen, T., Kline, J., Kramer, A., Grabowski, T., & Mehta, S. (March 16-23, 2013). Aerobic exercise improves white matter integrity in Parkinson's disease. *American Academy of Neurology*, San Diego, CA.

Chen, K., Rusch, M., Edwards, S., Rizzo, M., & Anderson, S. W. (October 2012). Ventromedial prefrontal cortex modulates social pressure effects on decision-making while driving. Poster presentation. *3rd annual meeting of the Society for Social Neuroscience*. New Orleans, LA, USA.

Rizzo, M. (September 14, 2011). Measurement of real-world driving in aging and medical disorders. *The Eye and the Auto*. General Motors, Detroit, MI.

Rizzo, M. (August 18, 2011) Implementation and evaluation of cluster hires: Disciplinary vs inter- and cross-disciplinary. *Faculty Council/Administrative Retreat*. University of Iowa, Iowa City

Rizzo, M. (Invited Speaker/Expert Panel. (May 10-11, 2011). The safety of insomnia drugs: assessment of next day function, including psychomotor vigilance and driving testing. *Safety and Efficacy of Hypnotic Drugs: An FDA-PERI co-sponsored workshop*, Bethesda, Maryland.

Rizzo, M. (February 16, 2011). *Healthy Mind and Brain Aging: an opportunity and call to action* University of Iowa Educational Presentations and Reception, Scottsdale, Arizona.

Aksan, N., Lees, M. N., Le, J. D., Vecera, S. V., & Rizzo, M. (September 25-28, 2011). Hazard perception in cognitively impaired older drivers. *American Neurological Association 135th Annual Meeting*, San Diego, California.

Dawson, J. D., Johnson, A. M., Dastrup, E., Uc, E. Y., & Rizzo, M. (July 30-August 4, 2011). Data reduction of electronic measures in driving studies. 2011 *Joint Statistical Meetings*, Miami Beach, Florida.

Rusch, M. L., Schall, M., Gavin, G., Lee, J. D., Dawson, J. D., Vecera, S., & Rizzo, M. (January 2011). Effects of augmented reality cues on driver hazard perception. *90th Annual Transportation Research Board*, Washington, DC.

Rizzo, M., Johnson, S. (September 16, 2010). Your Brain on Computers. College of Law, University of Iowa, Iowa City, IA

Schall, M. Jr., Rusch, M., Lee, J. D., & Rizzo, M. (May 9, 2010). Attraction without distraction: Effects of augmented reality cues on driver hazard perception) *2010 VSS Annual Meeting*. Attention: Numbers and things (Poster Session), Naples, Florida.

Uc, E. Y., Rizzo, M., Dastrup, E., Liu, D., Anderson, S., & Dawson, J. (April 12, 2010). Real-life driving outcomes in mild-moderate Parkinson's disease. *62nd American Academy of Neurology Annual Meeting*, Toronto, Ontario.

Dawson, J. D., Dastrup, E., Johnson, A. J., Uc, E. Y., & Rizzo, M. (March 21-24, 2010). Trends and challenges in research involving elderly and impaired drivers. *The International Biometric Society (ENAR) Annual Spring Meeting*, New Orleans, Louisiana.

Liu, D., Uc, E., Dastrup, E., Porter A, Dawson, J., & Rizzo, M. (March 21-24, 2010). A joint modeling of

correlated recurrent and terminal events with multivariate frailty in the analysis of driving safety data in old drivers with neurological diseases. *The International Biometric Society (ENAR) Annual Spring Meeting*, New Orleans, Louisiana.

Rizzo, M., & Severson, J. (February 25, 2010). Systematic measurements of human behavior in naturalistic settings. *Sustaining Performance Under Pressure Stress, 2nd Annual Symposium*. Adelphi, Maryland.

Barrash, J., Stillman, A. N., Anderson, S. W., Dawson, J., & Rizzo, M. (January 2010). *Prediction of driving ability with neuropsychological tests: Reference to demographically adjusted norms diminishes accuracy*. Paper accepted for presentation at the annual meeting of the Transportation Research Board, Washington, DC.

Emerson, J., Dawson, J., Uc, E. Y., Anderson, S. W., & Rizzo, M. (January 2010). *Predicting simulator adaptation syndrome from driver visual characteristics*. Paper accepted for presentation at the Transportation Research Board 89th Annual Meeting, Washington, DC.

Corpman, J., Johnson, A. M., Anderson, S. W., Lees, M. N., Dawson, J. D., Uc, E. Y., & Rizzo, M. (October 11-14, 2009). Motor vehicle kinematics at stop signs in drivers with Alzheimer's Disease (AD), *American Neurological Association*, Baltimore, Maryland.

Uc, E. Y., Rizzo, M., Johnson, A. M., Anderson, S. W., & Dawson, J. D. (October 11, 2009). Evolution of driving safety in Parkinson's disease. *23rd. Annual Symposium on the Etiology, Pathogenesis and Treatment of PD and OMD*. Baltimore, Maryland.

Anderson, D., Anderson, S., Lawrence, J., Severson, J., & Rizzo, M. (October 17-21, 2009). Size matters: Effects of spatial scale on tower of Hanoi performance. *Society for Neuroscience*. Chicago, Illinois.

Stillman, A., Barrash, J., Anderson, S., Dawson, J. D., & Rizzo, M. (October 17-21, 2009). Prediction of driving ability with neuropsychological tests: the raw truth. *Society for Neuroscience*. Chicago, Illinois.

Cosman, J., Honick, B., Severson, J., Severson, M., Anderson, S., & Rizzo, M. (April 30, 2009). Clinical improvements in cognitive function with 3D Video gameplay. *61st Annual Meeting of the American Academy of Neurology*. Seattle, Washington.

Dawson, J., Dastrup, E., Uc, E., Anderson, S., & Rizzo, M. (April 30, 2009). Motor vehicle crashes, moving violations, and driving cessation in early Alzheimer's disease. *61st Annual Meeting of the American Academy of Neurology*. Seattle, Washington.

Rizzo, M. (April 13, 2009). Sleep related motor vehicle crashes. Scientific Conference on Sleepiness and Health-Related Quality of Life. *National Heart Lung and Blood Institute (NHLBI)*. Natcher Conference Center. Bethesda, Maryland.

Rizzo, M. (March 23, 2009). *Measuring the effects of drugs on real world behavior to enhance drug development and safety*. Federal Drug Investigator. White Oak, Maryland.

Dawson, J. D., Rizzo, M., Dastrup, E., Anderson, S. A., & Uc, E. Y. (2008). Road safety in drivers with Parkinson's disease. *Transportation Research Board 88th Annual Meeting*, Washington, D.C.

Dawson, J. D., Anderson, S. W., Uc, E. Y., Dastrup, E., & Rizzo, M. (September 2008). Relationship between cognition and driving safety in Alzheimer's disease. *Annual Meeting of the American Neurological Association*, Salt Lake City, Utah.

Dawson, J. D., Anderson, S. W., Uc, E. Y., Dastrup, E., & Rizzo, M. (September 2008). *Using simulators and instrumented vehicles to study high-risk drivers*. Presentation to Statistics Department



faculty and students, Brigham Young University.

Rizzo, M. (July 14-17, 2008). Development of collision alerting and warning devices for drivers with attentional impairments. In: Human Error - Cognitive and Neurocognitive Perspective - From Theory and Research to Neuroadaptive Technologies and Neuroadaptive Interfaces. *2nd International Conference on Applied Ergonomics*, Las Vegas, Nevada.

Uc, E. Y., Rizzo, M., Anderson, S. W., Dastrup, E., Sparks, J., Rodnitzky, R. L., & Dawson, J. D. (June 22-26, 2008). Impaired curve negotiation in drivers with Parkinson's disease. *12th International Congress of Parkinson's Disease and Movement Disorders*, Chicago, Illinois.

Rizzo, M., Dawson, J., Anderson, S. W., Uc, E., & Jang, M. (May 13, 2008). Awareness of visual impairment in mild AD. *Vision Sciences Society*, Naples Florida.

Dawson, J., Cavanaugh, J., Zamba, G., & Rizzo, M. (May 27-31, 2008). Modeling the variability of lateral vehicular control. *10th International Conference on Applications of Advanced Technologies in Transportation*. Athens, Greece. Proceedings CD, 523, 2008.

Uc, E. Y., Doerschug, K., Mehta, S., Rizzo, M., Erickson, K., Darling, W., Anderson, S., Rodnitzky, R., Kline, J., Kramer, A., & Grawbowski, T. (April 16, 2008). Cardiovascular fitness and cognition in mild-moderate Parkinson's disease. *60th American Academy of Neurology Annual Meeting*. Chicago, Illinois.

Uc, E. Y., Rizzo, M., Dastrup, E., Anderson, S., Rodnitzky, R., & Dawson, J. (April 17, 2008). Reduced visual vigilance in drivers with Parkinson's disease. *60th American Academy of Neurology Annual Meeting*, Chicago, Illinois.

Ross, L. A., Ball, K. K., Vance, D. E., Rizzo, M., & Wadley, V. (February 2008). *Predicting individual physical activities in community-dwelling older adults*. Paper presented at the Southern Nursing Research Society, Birmingham, Alabama.

Uc, E. Y., Rizzo, M., Anderson, S. W., Dastrup, E., Sparks, J., Rodnitzky, R. L., & Dawson, J. D. (January 13-17, 2008). Impaired curve negotiation in drivers with Parkinson's disease. Transportation Research Board 87th Annual Meeting, Washington, D.C. (poster presentation).

Cosman, J. D., Lees, M. N., Rizzo, M., Lee, J. D., Vecera, S. P., Nguyen, T., & Newman, S. (November 3-7, 2007). Use of an in-vehicle alerting system to augment attention in impaired older-drivers. *Proceedings of the 37th Annual Meeting of the Society for Neuroscience*.

Uc, E. Y., Rizzo, M., Anderson, S., Rodnitzky, R. L., & Dawson, J. D. (October 7-10, 2007). Predicting driver safety in Parkinson's disease. *American Neurological Association 132nd Annual Meeting*, Washington, D.C.

Severson, J., Wagner, J., Kellison, I., & Rizzo, M. (September 12-14, 2007). Driving simulation: How low can you go? *Driving Simulation Conference-North America*, University of Iowa, Iowa City, Iowa.

Seppelt, B., Lees, M., Lee, J., & Rizzo, M. (September 12-14, 2007). Promoting repeatable research and collaboration — The benefits of a driving simulation Wiki. *Driving Simulation Conference- North America*, University of Iowa, Iowa City, Iowa.

Rizzo, M. (September 12-14, 2007). How can we demonstrate the "validity" of simulator results? *Driving Simulation Conference-North America*, University of Iowa, Iowa City, Iowa.

Dawson, J. D., Cavanaugh, J. E., Zamba, K. D., & Rizzo, M. (July 29-Aug 2, 2007). Modeling lateral



position and control in driving studies of elderly populations. *Joint Statistical Meetings*, Salt Lake City, Utah.

Dawson, J., Cosman, J., Lei, Y., Dastrup E., Sparks, J., & Rizzo, M. (July 9-12, 2007). The relationship between driving behavior and entropy. *Fourth International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Stevenson, Washington.

Hill, J., Boyle, L., Tippin, J., Faber, K., & Rizzo, M. (July 9-12, 2007). The effects of sleepiness on heart rate variability in a driving simulator. *Fourth International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Stevenson, Washington.

Lees, M. N., Sparks, J. D., Lee, J. D., & Rizzo, M. D. (July 9-12, 2007). Change blindness, attention, and driving performance. *Fourth International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Stevenson, Washington.

Tregear, S. J., Rizzo, M., Tiller, M., Schoelles, K., Hegmann, K., Greenberg, M., Phillips, B., & Anderson, G. (July 9-12, 2007). Diabetes and motor vehicle crashes: A systematic evidence- based review and meta-analysis. *Fourth International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Stevenson, Washington.

Uc, E. Y., Rizzo, M., Anderson, S. W., Sparks, J., Shi, Q., Rodnitzky, R., & Dawson, J. D. (July 9-12, 2007). Predicting driver safety in Parkinson's disease: An interim report on an ongoing longitudinal study. *Fourth International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Stevenson, Washington.

Tippin, J., Rizzo, M., Sparks, J. D., & Boyle, L. (June 9-14, 2007). Reduced useful field of view in drivers with obstructive sleep apnea syndrome. *21st Annual Meeting of the Associated Professional Sleep Societies, LLC*, Minneapolis, Minnesota.

Uc, E. Y., Rizzo, M., Sparks, J. D., Anderson, S., Rodnitzky, R. L., & Dawson, J. D. (June 3-7, 2007). Predictors of driver safety errors in Parkinson's disease. *Movement Disorder Society's 11th International Congress of Parkinson's. Disease and Movement Disorders*. Istanbul, Turkey.

Severson, M., Uc, E. Y., Sparks, J., & Rizzo, M. (May 11-16, 2007). Effects of UFOV impairment on kinematics of curve driving. Abstract. *Vision Sciences Society*. Sarasota, Florida.

Vaux, L. M., Ni, R., Rizzo, M., Uc, E. Y., & Andersen, G. J. (May 11-16, 2007). Detection of imminent collisions by drivers with Alzheimer's disease, Parkinson's disease and stroke. *Vision Sciences Society*. Sarasota, Florida.

Uc, E. Y., Rizzo, M., Sparks, J. D., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. D. (April 28-May 5, 2007). Increased crash risk in drivers with Parkinson's disease under low visual contrast lighting conditions. *59th American Academy of Neurology Annual Meeting*, Boston, Massachusetts.

Tippin, J., Rizzo, M., Sparks, J., & Boyle, L. (April 28-May 5, 2007). Visual vigilance in drivers with obstructive sleep apnea syndrome. *59th American Academy of Neurology Annual Meeting*, Boston, Massachusetts.

Dawson, J. D., Cavanaugh, J. E., Zamba, K. D., & Rizzo, M. (March 26-29, 2007). Measuring lateral control in driving studies. *Biometric Society (Eastern North American Region) Annual Meeting*, Tampa, Florida.

Dawson, J. D., Cosman, J. D., Lei, Y., Dastrup, E., Sparks, J., & Rizzo, M. (March 11-14, 2007). Factors affecting vehicular lateral control measures in driving simulators. *International Biometric Society*.

Uc, E., Rizzo M., Anderson S., Sparks J, Rodnitzky R., & Dawson J. (January 20-24, 2007). An analysis of driving habits in Parkinson's disease. *Transportation Research Board 86th Annual Meeting*, Washington, D.C., (platform presentation).

Uc, E., Rizzo, M., Anderson, S. W., Sparks, J., Rodnitzky, R. L., & Dawson, J. D. (October 28-November 2, 2006). Effect of concomitant motor task on driving in Parkinson disease. *10th International Congress of Parkinson's Disease and Movement Disorders*, Kyoto, Japan. *Movement Disorders*, 2006; 21 Suppl 15: S580.

Uc, E., Rizzo, M., Anderson, S., Rodnitzky, R., & Dawson, J. (October 8-11, 2006). *Prediction of driver safety in Parkinson's disease*. (Invited poster for new members at the 131st Annual Meeting of the American Neurological Association, Chicago).

Philippi, C., Sparks, J., Marron, M., & Rizzo, M. (May 5-15, 2006). Effects of dorsal and ventral visual pathway lesions on visual vigilance. *Vision Sciences Society Conference*, Sarasota, Florida.

Vaux, L., Marron, M., & Rizzo, M. (May 5-15, 2006). Do patients with Alzheimer's disease compensate for impaired visual attention when driving? *Vision Sciences Society Conference*, Sarasota, Florida.

Philippi, C., Sparks, J., Marron, M., & Rizzo, M. (April 1-8, 2006). UFOV impairments in extrastriate lesions. *American Academy of Neurology Annual Meeting*, San Diego, California.

Uc, E. Y., Rizzo, M., Paulsen, J., Rodnitzky, R., Paulson, H. L., & Dawson, J. (April 6, 2006). Visual dysfunction in independently living patients with Huntington's disease. *58th American Academy of Neurology Meeting*, San Diego, California.

Schwebel, D. C., Severson, J., Ball, K. K., & Rizzo, M. (April 2006). *Individual difference factors in risky driving: The roles of anger, conscientiousness, and sensation-seeking*. 8th World Conference on Injury Prevention and Safety Promotion, Durban, South Africa.

Uc, E., Rizzo, M., Shi, Q., Anderson, S., Rodnitzky, R., & Dawson, J. (February 22-26, 2006). *Effect of road type on driving safety in Parkinson's disease*. (Poster presentation at the 1st World Parkinson Congress, Washington D.C., *Movement Disorders*, 2006, Volume 21, Supplement 1: S139.

Rizzo, M., McEvoy, S., Sparks, J., & Severson, J. (2005, September 25–28). Mudsplashes and go/no-go decisions in aging and Alzheimer's disease. *American Neurological Association 131<sup>st</sup> Annual Meeting*, Chicago, Illinois.

Rizzo, M., & Severson, J. (July 22-27, 2005). Virtual environments for localizing cognitive impairments in real word tasks. *1st Annual Augmented Cognition International conference*. Las Vegas, Nevada.

Anderson, S. W., Rizzo, M., Shi, Q., Uc, E., & Dawson, J. D. (June 27-30, 2005). Cognitive abilities related to driving performances in a simulator and crashing in the road. *3rd. International Driving Symposium on Human Factors and Driving Assessment, Training, and Vehicle Design*, Rockport, Maine.

Paul, A., Boyle, L., Boer, E., Tippin, J., & Rizzo, M. (June 27-30, 2005). Steering entropy changes as a function of microsleeps. *3<sup>rd</sup>. International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Rockport, Maine.

Paul, A., Boyle, L., Rizzo, M., & Tippin, J. (June 27-30, 2005). Variability of driving performance during microsleeps. *3rd. International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Rockport, Maine.

Ni, R. G., Andersen, J., McEvoy, S., & Rizzo, M. (June 27-30, 2005). Age related decrements in steering control: The effects of landmark and optical flow information. *3rd. International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Rockport, Maine.

Uc, E. Y., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. (June 2005). *Effects of a controlled auditory-verbal distraction task on driving safety in Parkinson's disease*. Poster presentation at the 16th International Congress on Parkinson's Disease and Related Disorders. Berlin, Germany.

St. Louis, E., McEvoy, S., Shi, Q., & Rizzo, M. (June 27-30, 2005). Useful field of view impairment in partial epilepsy. *3rd. International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Rockport, Maine.

Uc, E., Rizzo, M., Anderson, S. W., Shi, Q., & Dawson, J. D. (June 27-30, 2005). Unsafe rear-end collision avoidance in Alzheimer's disease. *3rd. International Driving Symposium on Human Factors in Driving Assessment, Training, and Vehicle Design*. Rockport, Maine.

McEvoy, S., Sparks, J. D., Kellison, I., Batchelder, S., Vecera, S. P., & Rizzo, M. (April 9-16, 2005). Increased change blindness in aging and Alzheimer's disease. *57th Annual Meeting of the American Academy of Neurology*, Miami Beach, Florida.

Fisher, D., Mourant, R., & Rizzo, M. (January 9, 2005). *The development of standardized descriptions of driving simulator scenarios: Human factors considerations*. Workshop for presentation at the 84th Annual TRB Meeting, Washington, DC.

Pietras, T., Shi, Q., & Rizzo, M. (January 10, 2005). Traffic entry behavior in older drivers with selective attention impairment. *84th Annual TRB Meeting*, Washington, DC.

Rizzo, M. (January 22, 2005). *Medical disorders, surgical disorders, and drugs*. Workshop Director at the 84th Annual TRB Meeting, Washington, DC.

Rizzo, M. (January 10, 2005). *Medical disorders, surgical disorders, and drugs*. Panel Director at the 84th Annual TRB Meeting, Washington, DC.

Rizzo, M., Shi, Q., Dawson, J., Anderson, S. W., Kellison, I., & Pietras, T. (January 10, 2005). Stops for cops: Impaired response implementation in older drivers with cognitive decline. *84th Annual TRB Meeting*, Washington, DC.

Pietras, T., Shi, Q., & Rizzo, M. (January 9-13, 2005). Traffic entry behavior in older drivers with selective attention impairment. *Transportation Research Board of the National Academies 84th Annual Meeting*. Compendium of Papers CD. Presented at the 84th Annual Meeting of the Transportation Research Board, Washington, D.C.

Shi, Q., Stierman, L., Dawson, J., & Rizzo, M. (2005). Defining and assessing endpoints in driving simulator tasks. *Joint Statistical Meetings*, Minneapolis, Minnesota.

Uc, E., Rizzo, M., Anderson, S., Shi, Q., & Dawson, J. (January 10, 2005). Driver landmark and traffic sign identification in stroke. *84th Annual TRB Meeting*, Washington, DC.

Uc, E., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. (2005). *Relationship of Visual and Cognitive Dysfunction to Motor Impairment in Parkinson's disease without Dementia*. Presentation at the 57th Annual Meeting of the American Academy of Neurology. Miami Beach, Florida. *Neurology*, 2005, 64 (6) Supplement 1: A203.

Kellison, I., Vecera, S. P., & Rizzo, M. (2004). Visual short-term memory deficits in Alzheimer's disease. Vision Sciences Society, 4th Annual Meeting, Sarasota, Florida. Program and Abstract Book: 207.

Rizzo, M., Blake, R., McEvoy, S., Sheffield, B., & Nawrot, M. (October 23-27, 2004). Reduced perception of form from temporal structure (FTS) with advancing age. *34th Annual Society for Neuroscience Meeting*, San Diego, California.

Rizzo, M., Kellison, I., Stierman, L., Vanderleest, R., & Tippin, J. (October 2-6, 2004). Decline in visual vigilance in drivers with obstructive sleep apnea syndrome (OSAS). *129th Annual Meeting and the 7th Annual Neurology Outcomes Symposium, American Neurological Association*, Toronto, Ontario, Canada.

Rizzo, M., Shi, Q., Pietras, T., Kellison, I., & Dawson, J. (October 2-6, 2004). Plaques, stops and virtual cops. *129th Annual Meeting and the 7th Annual Neurology Outcomes Symposium, American Neurological Association*, Toronto, Ontario, Canada.

Rizzo, M. (September 20-24, 2004). *Physiologic methods and measurements in driving simulation*. Presentation in the Surface Transportation Technical Area at the Human Factors and Ergonomics Society's 48th Annual Meeting, New Orleans, Louisiana.

Rizzo, M., & Caird, J. C. (September 20-24, 2004). *Critical issues in driving simulation methods and measures*. Presentation in the Surface Transportation Technical Area at the Human Factors and Ergonomics Society's 48th Annual Meeting, New Orleans, Louisiana.

Rizzo, M., & Severson, J. (August 8-12, 2004). Abstract virtual environments for assessing cognitive abilities. SIGGRAPH 2004: *The 31st International Conference*, Los Angeles, California.

Lamers, C. T. J., Rizzo, M., Bechara, A., & Ramaekers, J. G. (July 2004). Effects of ecstasy and marijuana on attention and driving performance in abstinent users and non-drug using controls. *Annual meeting of the British Association of Psychopharmacology*. Harrowgate, England. *Journal of Psychopharmacology*, 18(3, supplement), A39:TA13.

Lamers, C. T. J., Bechara, A., Rizzo, M., & Ramaekers, J. G. (July 2004). Effects of ecstasy and marijuana on cognitive performance, decision-making and reported mood in abstinent users and non-drug using controls. *Annual meeting of the British Association of Psychopharmacology*. Harrowgate, England. *Journal of Psychopharmacology*, 18(3, supplement), A68:OM64.

Uc, E. Y., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. D. (June 13-17, 2004). *Driver landmark identification and safety errors in mild-moderate Parkinson's disease*. Poster presentation at the Movement Disorder Society's 8th Annual International Congress of Parkinson's Disease and Movement Disorders, Rome, Italy. *Movement Disorders*, 19(Supplement 9), S193-4.

Sheffield, R. A., Rizzo, M., & Vecera, S. P. (May 4, 2004). Locus of spatial attention decline in cognitive aging and Alzheimer's disease. *Vision Sciences Society 4th Annual Meeting*, Sarasota, Florida. Program and Abstract Book: 207.

Uc, E., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. D. (April 24-May 1, 2004). Route-following and safety errors in drivers with Parkinson's disease. *American Academy of Neurology, 56th Annual Meeting*, San Francisco, California. *Neurology*, 62 (7) Supplement 5, A523.

Uc, E. Y., Rizzo, M., Anderson, S. W., Shi, Q., & Dawson, J. D. (February 4-7, 2004). Executive dysfunction in mild-moderate Parkinson's disease correlates with motor disability. *32nd Annual Meeting, International Neuropsychology Society* (pp. 118-119), Baltimore, Maryland.

Wisnowski, J. L., Anderson, S. W., Rizzo, M., Naqvi, N., & Tranel, D. (February 4-7, 2004). Face and



object recognition following early-onset focal brain damage. *32nd Annual Meeting, International Neuropsychology Society* (pp. 55-56), Baltimore, Maryland.

Uc, E. Y., Rizzo, M., Anderson, S., Shi, Q., & Dawson, J. D. (January 11-15, 2004). Driver route-following and safety errors in stroke. *83rd. Annual TRB Meeting*, Washington, DC. Compendium of Papers CD-ROM: paper number 04-4022.

Rizzo, M., Stierman, L., Skaar, N., Dawson, J. D., Anderson, S. W., & Vecera, S. P. (January 11-15, 2004). Effects of a controlled auditory-verbal distraction task on older driver vehicle control. *83rd. Annual TRB Meeting*, Washington, DC. Compendium of Papers on CD-ROM: paper number 04- 3866.

Uc, E. Y., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. D. (2004). Driver landmark identification and safety errors in mild-moderate Parkinson's disease. *Movement Disorders*, 19(Suppl 9), S193-194.

Uc, E. Y., Rizzo, M., Shi, Q., Anderson, S. W., Rodnitzky, R. L., & Dawson, J. D. (2004). *Route-Following in Drivers with Parkinson's vs. Alzheimer's Disease*. Presentation at the 129th American Neurological Association Meeting, Toronto, Ontario, Canada. *Annals of Neurology*, Supplement 8: S39.

Kellison, I., Rizzo, M., Vecera, S. P., & Dawson, J. (November 8-12, 2003). Blindness to context-relevant visual change in advancing age. *Society for Neuroscience*, San Francisco, California, 933.13

Uc, E. Y., Dawson, J. D., Rodnitzky, R. L., Smothers, J. L., & Rizzo, M. (October 19-22, 2003). Reduction in the useful field of view in Parkinson's disease. *American Neurological Association 128th Annual Meeting*, San Francisco, California, *Annals of Neurology*, Supplement 7: S39

Vecera, S. P., Rizzo, M., & Sheffield, R. A. (October 19-22, 2003). Impaired 'social attention' following frontal-lobe damage. *American Neurological Association 128th Annual Meeting* (pp. 19), San Francisco, California.

Vecera, S. P., Rizzo, M., & Sheffield, R. A. (October 19-22, 2003). The resolution of spatial attention following parietal-lobe damage. *American Neurological Association 128th Annual Meeting* (pp. 19), San Francisco, California.

Kadiyala, K., Taylor, A., Nepola, J. V., Smothers, J., & Rizzo, M. (October 4, 2003). *American Neurological Association 128th Annual Orthopedic Trauma Association*. Salt Lake City, Utah. Scientific Poster #5, Basic Science.

Batchelder, S., Rizzo, M., Vanderleest, R., & Vecera, S. (July 21-24, 2003). Traffic scene related change blindness in older drivers. *Second International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design* (pp. 177-181), Park City, Utah.

Rizzo, M., Severson, J., Cremer, J., & Price, K. (July 21-24, 2003). An abstract virtual environment tool to assess decision-making in impaired drivers. *Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 40-47), Park City, Utah.

Rizzo, M., Sheffield, R., & Stierman, L. (July 21-24, 2003). Demographic and driving performance factors in simulator adaptation syndrome. *Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 201-208), Park City, Utah.

Skaar, N., Anderson, S. W., Dawson, J., & Rizzo, M. (July 21-24, 2003). Automobile driving with severe amnesia. *Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 148-149), Park City, Utah.



Skaar, N., Rizzo, M., & Stierman, L. (July 21-24, 2003). Traffic entry judgments by aging drivers. *Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 92-97), Park City, Utah.

Uc, E. Y., Smothers, J. L., Shi, Q., & Rizzo, M. (July 21-24, 2003). Driver navigation and safety errors in Alzheimer's disease and stroke. *Second International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 31-32), Park City, Utah.

Rizzo, M. (June 18-22, 2003). Invited lecture. Executive dysfunction: What if Phineas Gage could drive? *The Eye and the Auto 2003: An International Forum on the Relationship between Vision and the Safe Operation of a Motorized Vehicle*. Detroit Institute of Ophthalmology, Detroit, Michigan.

Vance, D. E., Ball, K. K., Edwards, J. D., Wadley, V. G., & Rizzo, M. (May 29-June 1, 2003). Speed of processing training improves cognition in older adults. *American Psychological Society 15th Annual Meeting*, Atlanta, Georgia. Poster session V-112.

Sheffield, R., Rizzo, M., & Vecera, S. P. (May 12, 2003). Increased reliance on attentional precues in normal aging. *Vision Sciences Society, 3rd. Annual Meeting*, Sarasota, Florida. Vol. 3, No. 9, pp. 723A.

Skaar, N., Rizzo, M., & Stierman, L. (May 12, 2003). Glare disability with attention impairment. *Vision Sciences Society, 3rd. Annual Meeting*, Sarasota, Florida, Vol. 3, No. 9, pp. 719A.

Rizzo, M., Lamers, C. T. J., Skaar, N., Sauer, C., Ramaekers, J., & Anderson, G. (May 10, 2003). Perception of heading in abstinent MDMA and THC users. *Vision Sciences Society, 3rd. Annual Meeting*, Sarasota, Florida, Vol. 3, No. 9, pp. 410A.

Smothers, J., Rizzo, M., & Shi, Q. (March 29-April 5, 2003). Safety errors during roadway search in drivers with neurological disease. *American Academy of Neurology, 55th Annual Meeting*, Honolulu, Hawaii. P03.035

Rizzo, M., Severson, J., Cremer, J., & Price, K. (March 29-April 5, 2003). Measurement of go/no-go decision-making in cognitively impaired drivers. *American Academy of Neurology 55th Annual Meeting*, Honolulu, Hawaii.

Skaar, N., Anderson, S. W., Dawson, J., & Rizzo, M. (March 29-April 5, 2003). Automobile driving with severe amnesia. *American Academy of Neurology 55th Annual Meeting*, Honolulu, Hawaii.

Vecera, S. P., Rizzo, M., & Sheffield, R. A. (March 29-April 5, 2003). Impaired 'social attention' following frontal-lobe damage. *American Academy of Neurology, 55th Annual Meeting*, Honolulu, Hawaii.

Rizzo, M. (March 17, 2003). *Prediction and prevention of vehicle crashes in driver with visual and cognitive impairments*. (Invited lecture.) Victorian Institute of Forensic Medicine/Monash University Accident Research Center, Melbourne, Australia.

Rizzo, M., Vanderleest, R., Seaba, P., Skaar, N., & Severson, J. (March 9-13, 2003). Synchronous measures of sleepy driver physiology and performance in driving simulator scenarios. Abstract. *Fifth International Conference on Fatigue in Transportation: Coping with the 24-Hour Society*, Fremantle, Western Australia.

Rizzo, M., Nawrot, M., & Skaar, N. (November 2-7, 2002). Perception of depth from motion parallax in humans with lesions in visual association cortex. *Society for Neuroscience 32nd Annual Meeting*, Orlando, Florida.

Vance, D. E., Edwards, J. D., Rizzo, M., Ball, K. K., & Wadley, V. G. (August 22-23, 2002). Effects of

physical activity on cognitive health in older adults. Poster. *American Psychological Association Conference*, Chicago, Illinois.

Vance, D. E., Edwards, J. D., Rizzo, M., Ball, K. K., & Wadley, V. G. (August 22-23, 2002). The effects of speed of processing on training older adults. Poster. *American Psychological Association Conference*, Chicago, Illinois.

Rizzo, M. (June 19-20, 2002). *Human aging factors – vision and cognitive capacity*. Safe Mobility Decisions for Older Drivers Forum, sponsored by the Iowa Highway Safety Management System, Iowa State University, Ames, Iowa.

Rizzo, M., Moon, J., Wilkinson, M., Bateman, K., Jermeland, J., & Schnell, T. (May 10-15, 2002). Ocular search of simulated roadway displays in drivers with constricted visual fields. *Vision Sciences Society 2nd Annual Meeting*, Sarasota, Florida.

Jones, R., Manzel, K., Anderson, S. W., & Rizzo, M. (2002). Neuropsychological profiles in visual variant Alzheimer's disease. *Journal of the International Neuropsychological Society*, 8, 193- 194.

Rizzo, M., Nawrot, M., & Bateman, K. (November 10-15, 2001). Perception of shape from static texture cues with lesions in dorsal and ventral visual association cortex in humans. *Society for Neuroscience*, San Diego, California.

Rizzo, M. (October 17, 2001). *Overview of neurology driving simulator research* (Simulator for Interdisciplinary Research in Ergonomics and Neuroscience-SIREN), University of Iowa Driving Simulation Workshop, Iowa City, Iowa.

McGehee, D. V., Lee, J. D., Rizzo, M., & Bateman, K. (August 14-17, 2001). Examination of older driver steering adaptation on a high performance driving simulator. *Driving Assessment 2001: International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 197-201), Aspen, Colorado.

Skaar, N., Rizzo, M., Bateman, K., & Anderson, S. W. (2001, August 14-17). Effects of speed of visual processing training upon non-visual attention in 'at risk' older drivers. *Driving Assessment 2001: International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 306-307), Aspen, Colorado.

Crowe, A., Smyser, T., Raby, M., Bateman, K., & Rizzo, M. (August 14-17, 2001). Visual attention and roadway landmark identification in at-risk older drivers. *Driving Assessment 2001: International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design* (pp. 175-176), Aspen, Colorado.

Rizzo, M. (July 19, 2001). *The eye, the brain, and the automobile*. The Iowa DOT Safety Management System Older Driver Task Force. The University of Iowa Public Policy Center, Iowa City, Iowa.

Rizzo, M. (June 18-22, 2001). Effects of higher visual disorders relating to driving. *XVII World Congress of Neurology*, London, England.

Rizzo, M., Bateman, K., & Nawrot, M. (May 9, 2001). Impairment of shape perception due to static and dynamic cerebral dystereopsis. *53rd. AAN Annual Meeting*, Philadelphia, Pennsylvania

Rizzo, M., Bateman, K., Nawrot, M., Anderson, S., Dawson, J., & Nawrot, M. (May 1, 2001). Perception of shape from motion after dorsal or ventral visual pathway lesions in human. *ARVO Annual Meeting*, Fort Lauderdale, Florida.

Anderson, S. W., & Rizzo, M. (February 14-17, 2001). Visual attention related to cognition and driving in early Alzheimer's disease. *International Neuropsychological Society 29th Annual Meeting*, Chicago, Illinois.

Anderson, S. W., & Rizzo, M. (2001). Visual attention related to cognition and driving in early Alzheimer's disease. *Journal of the International Neuropsychological Society*, 7, 212.

Rizzo, M., Bateman, K., Nawrot, M., Anderson, S., & Dawson, J. (2001). Perception of shape from motion after dorsal or ventral visual pathway lesions in human. *Investigative Ophthalmology and Visual Science*, 42(4), 1737.

Rizzo, M., McGehee, D. V., & Jermeland, J. (2000). Design and installation of a driving simulator in a hospital environment. *Human Factors in Ergonomics Society Annual Meeting*. University of Groningen, the Netherlands: Centre for Environmental & Traffic Psychology.

Rizzo, M., Raby, M., McGehee, D. V., Dawson, J., Anderson, S. W., Bierbaum, S., & Mitchell, R. (September 4-7, 2000). Quantification of driving performance during an auditory-verbal mental processing load. *International Conference on Traffic and Transport Psychology*. Berne. (Proceedings available on CD-ROM, Swiss Council for Accident Prevention, 2000).

Denburg, N. L., Jones, R. D., Adolphs, R., Rizzo, M., & Tranel, D. (2000). Recognition without awareness in a patient with simultanagnosia. *Journal of the International Neuro-psychological Society*, 6, 115.

Razavi, M., Rizzo, M., Fattal, D., & Jones, R. D. (2000). Visual hallucinations in temporal arteritis. *Journal of the International Neuropsychological Society*, 6, 230.

Rizzo, M., Anderson, S. W., Dawson, J., & Nawrot, M. (2000). Visual function and cognitive deficits with cerebral lesions. *Investigative Ophthalmology and Visual Science*, 41, S434.

Rizzo, M., Dawson, J., McGehee, D. V., Mitchell, R., Bierbaum, S., Raby, M., & Anderson, S. (May 28-31, 2000). Driving with distraction after closed head injury. Symposium on sleepy drivers and pilots. *17th World Congress of the International Association for Accident and Traffic Medicine (IAATM)*, Stockholm, Sweden.

Rizzo, M., Anderson, S. W., Dawson, J., & Nawrot, M. (May 2, 2000). Visual function and cognitive deficits with cerebral lesions. *ARVO Annual Meeting*, Fort Lauderdale, Florida.

Razavi, M., Rizzo, M., Fattal, D., & Jones, R. D. (February 9-12, 2000). Visual hallucinations in temporal arteritis. *International Neuropsychological Society 28th Annual Meeting*, Denver, Colorado

Rizzo, M., Nawrot, M., & Dawson, J. (October 23-28, 1999). Separate processing of 1st and 2nd order motion in human brain. *29th Annual Meeting*, Miami, Florida. *Society for Neuroscience Abstracts*, 25, Part 1, 275.

Darling, W. G., Rizzo, M., Harper, J. G., Husnik, H., & Vedepo, A. (October 23-28, 1999). Posterior parietal cortex lesion and kinesthetic perception of forearm orientation. *Society for Neuroscience*, Miami, Florida.

Rizzo, M., & Akutsu, H. (1999). Prolonged attention blink and slower visual processing in aging. *Investigative Ophthalmology and Visual Science*, 40, S412.

Rizzo, M. (May 18, 1999). Driving and transportation issues in the elderly. *International Symposium on the older driver*, New York, New York.

Rizzo, M., & Akutsu, H. (May 11, 1999). *Prolonged attention blink and slower visual processing in aging*. Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida.

Rizzo, M., & Akutsu, H. (May 8, 1999). Attention blink and processing speed with focal right hemisphere lesions. *3rd. Annual Vision Research Conference*, Fort Lauderdale, Florida.

Cole, K. J., Rizzo, M., Rotella, D. L., Darling, W. G., & Harper, J. G. (April 11-16, 1999). Visual pathways for scaling grip forces. *Society for Neural Control of Movement Meeting*, Princeville, Hawaii.

Darling, W. G., Rizzo, M., & Harper, J. G. (April 11-16, 1999). The posterior parietal cortex contributes to visual perceptions of vertical visual perceptions. *Society for Neural Control of Movement Meeting*, Princeville, Hawaii.

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## Reviews

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## Letters to the Editor

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Rizzo, M., Reger, M. A., Iverson, D., J. (2010). Reply to O'Neill, D., Practice Parameter update: Evaluation and management of driving risk in dementia: Report of the Quality Standards Subcommittee of the American Academy of Neurology. *Neurology*, 75, 1659.

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### **University of Iowa Health Care Publications**

Rizzo, M. (2002). Driving simulator in a hospital environment. *Currents* Winter 2002; 3/1.

#### **Media**

Hochman, G. (Director), Rizzo, M., Merickel, J. (2017). *Drugged Driving* [Television series episode]. Omaha, Nebraska: Nebraska Educational Television, <http://netnebraska.org/basic-page/television/drugged-driving>

Development Executive and Chief Science Advisor to Engel Entertainment, New York, NY., Producing science and medicine documentaries for major television venues (including PBS, National Geographic Channel, The History Channel, Discovery Channel, Nova and other broadcasters). 2002-Present.

## **B. Areas of Research Interest and Current Projects**

### **Areas of Research Interest**

Human Systems Integration

Behavioral disturbances from CNS injury

Neural substrates of human vision, attention, and eye-hand coordination

Cognitive aging and dementia

Neuroergonomics

Driving performance in neurological disease

Virtual Reality environments, applications and simulations

Patient safety/medical error reporting

Healthcare Policy

Gaming and cognition

### **Current Projects**

(See I.B.: Professional and academic positions held)

## **C. Grants**

### **Grants and Projects**

Monitoring real-world driver behavior for classification and early prediction of Alzheimer's disease. DHHS/NIH/NIA 2R01AGO27277-25, PI – Rizzo, M. 2020-2025

Predicting Driving Safety in Advancing Age. NIH R01 AG017177-14, PI – Rizzo, M. 1999-2005; 2006-



2012; 2013-2020; 2020-2025.

Harnessing Movement Variability to Treat and Prevent Motor Related Disorders. University of Nebraska-Omaha, Co-PI – Rizzo, M., 2019-2024

Great Plains Institutional Development Award Clinical and Translational Research, 1U54GM115458-01, PI – Rizzo, M., 2016-2021.

Modeling Multidimensional Risk in Real-World Drivers with Diabetes, Toyota Collaborative Safety Research Center, PI – Rizzo, M., 2018-2021.

Feasibility and utility of the car as a platform for monitoring behavior as an index of driver and health disease. Co-PI –Rizzo, M., 2020-2021

**Federal Highway Administration**, Deep InSight: Deep Extraction of Driver State from Naturalistic Driving Dataset, (Prime: Iowa State University; Ames, IA; Subcontract: University of Nebraska Medical Center; Omaha, NE) Role: Site-PI, PI: Anuj Sharma, PhD, 2019-2022

Escitalopram to address cognitive dysfunction in Glioma patients. Shonka, N., Rizzo, M., Garlinghouse, M., Kedar, S., Anderson, A , Brain Cancer Research Fund, 2019-2021

Chemotherapy-Related Changes in Neurocognitive Function and Symptoms in Colorectal Cancer Patients, Oncology Nursing Society Foundation, Co Investigator (Berger), 2018-2020

Driving Performance and Safety in Rheumatoid Arthritis, Rheumatology Research Foundation, Co-I – Rizzo, M., 2018-2020.

## **Grants and Projects Completed**

Evaluating immunological parameters, neurocognitive changes, activity levels, and driving fitness in hematological malignancy patients undergoing chimeric antigen receptor (CAR) T-Cell Therapy. Lunning, M., Rizzo, M., Taraschenko, O., Holstein, S., Cramer J., Ehlers, D., Fred & Pamela Buffett Cancer Center, 2019 Nebraska Transportation Center, Driving Simulation Study, University of Nebraska Lincoln, 26-1121-0031-003, PI – Rizzo, M , 2017-2019.

Traffic Calming Elements for Entry Control Facility Threat Delay and Containment Phase 4. Rilett, L. FA45000-12-D-9000, (PI), Rizzo, M.(Site PI, Co-PI), Department of Defense Military Surface Deployment, 2016-2019

Driving Safety and Real-Time Glucose Monitoring in Insulin-Dependent Diabetes, Toyota Motor, Inc., PI – Rizzo, M., 2016-2017.

Measuring and Mitigating Unintended Acceleration in Younger and Older Drivers. Toyota Motor, Inc., PI – Rizzo, M., 2014-2017.

Measuring Unintended Consequences of In-Vehicle Technologies on Older Driver Safety - Toyota Collaborative Safety Research Center, University of Iowa, PI – Rizzo, M., 2014-2015.

Measuring Use and Impact of In-Vehicle Technologies on Older Drivers. Toyota Motor Engineering of North America, Inc. PI – Rizzo, M. 2012 – 2015.

PAP adherence and real-world driving safety in OSA. NIH R01 HL091917. PI –Rizzo M. 2010-2015.

Moral Practice Under Accountable Care Organizations. PI – Rizzo, M., 2013

Nissan UI Collaborative Research (NRC). Nissan Motor C, Ltd. PI - Rizzo, M. 2010-2013.

Project 90-00-SLDR-OIO Diagnostic Tools for Identifying Sleepy Drivers in the Field. Iowa Department of Transportation. PI – Rizzo, M. 2010-2012

In-Car Technology to Alert Attention Impaired Drivers. NIH R01 AG026027. PI –Rizzo M. 2006-2011  
Driving Safety and Real-Time Glucose Monitoring in Type 1 Insulin-Dependent Diabetes. Injury Prevention Research Center, Rizzo M., (Project PI), 2010-2012, CDC CE001167 (Corrine Peek Asa, PI)  
Anatomical Basis of Vision (Project 3): Program Project: Anatomical Substrates of Complex Behavior. NIH PO NS-19632; Co-investigator, 1983-1986. Co-principal investigator, 1986-1991; Principal Investigator (Proj 3): 1991-1996; 1996-2001; 2001-2006.

Residual Effects of Ecstasy on Decision-Making and Driving. NIDA R01 DA17341. Co-PI: Matthew Rizzo. 2005-2010

Predicting Driver Safety in Parkinson's Disease. R01 NS044930-01A1. Co-PI: Matthew Rizzo. 2003-2010.

Iowa Center for Research by Undergraduates (ICRU) awards, 2009 & 2010

Bus and Drug Simulator Study: Post-Accident Testing Heuristics (PATH), US DOT/FTA, Rizzo M. Co-I 2009-2010

Translational Neuroscience: Bringing Neuroscience to the Soldier's Operational Environment. Army Research Laboratory: Human Research and Engineering Directorate. Contract DAAD19-01-2-0009 (2007-2009). Rizzo M (PI)

Diagnostic tools for identifying sleepy drivers in the field. Iowa Department of Transportations, 2010  
Rizzo M (PI)

Augmented reality alerts to improve older driver safety. Rizzo M. Co-PI, Mentor 2009-2010 CDC CE001167 (Corrine Peek Asa, PI)

Gaming and cognition. Nintendo, N.A., PI- Matthew Rizzo, PI. 2007-2008

Nissan. 2005. Q45 to develop the Nissan Iowa Instrumented Vehicle for Advanced Neuroergonomic Assessment (NIRVANA).

Vision Impairment and Fitness to Drive. ARC LP0560272. Commonwealth of Australia, Australian

Research Council Linkage Project, 2005 – 2008 (Brian Fildes, Monash University Accident Research Centre, PI) Co-Investigator: Matthew Rizzo. 2005-2007.

Effects of Phenytoin on Driving Safety. R49/CCR 721682. Co-PI: Matthew Rizzo. 2006-2008

Transient effects and tolerance: A pilot study of two antihistamines on driving performance. University of Iowa Injury Prevention Research Center. National Center for Injury Prevention and Control/Centers for Disease Control 2006. (PI: Gary Milavetz, PharmD) Co-PI: Matthew Rizzo.

Virtual Environments for Assessing Fitness to Drive. Digital Artefacts. NIH/SBIR. PI: Joan Severson. Subproject PI: Matthew Rizzo. 9/30/2003 – 6/30/2005.

Gender Liability to the Effects of Marijuana on Driving (Beth Turner, PhD Candidate), supported by "Acute marijuana effects on regional cerebral blood flow" from NIDA (Dan O'Leary PI), the Innovative Neuroimaging Technologies Training Program, (T32 CA82106 and R01 DA10551, 11/1/03 to 10/31/08) and the General Clinical Research Center (M01-RR-59 National Center for Research Resources, General Clinical Research Center Program, NIH. (Co-Mentor and Collaborator, Matthew Rizzo)

The Effects of Chemotherapy on Decision-Making in Older Colon Cancer Patients, Pilot Project, Natalie Denburg, PhD., PI (supported by NCI/NIA grant program P20 CA 103672-03, The University of Iowa Cancer and Aging Program (Robert Wallace, PI). (Collaborator).

Establishing a Registry and Database for Tracking the Safety of Drivers with Sleep Apnea. National Center for Injury Prevention and Control. R49-CCR721682-02. Co- Investigator: Matthew Rizzo. 2004-2007.

Development of an Internet Technological Platform on Driving Simulators for Clinical Populations: A Pilot Study. Social Sciences and Humanities Research Council of Canada. (PI, Marie Vanier, Institut de réadaptation de Montréal, Québec, Canada Co-Investigator: Matthew Rizzo. 2005-2006.

Predicting Driver Safety in Parkinson's Disease: A Pilot Study. New Investigator Research Award from College of Public Health, University of Iowa. Co-Investigator: Matthew Rizzo. Jan-Dec 2003.

Nissan UI Collaborative Research (NTCNA). Nissan Motor C, Ltd. PI - Rizzo, M. 2010-2011.

Driver Impairment, Self-awareness and Crash-Risk in Obstructive Sleep Apnea Syndrome (Subproject of: The University of Iowa Injury Prevention Research Center. CDC. R49 CCR 721682). Subproject PI: Matthew Rizzo. Subproject Award Dates: 2002-2005

Safe and Unsafe Driving in Old Age, Alzheimer's Disease, and Stroke. NIA RO1 AG NS15071. Principal Investigator. 1999-2006.

Predictions of Driver Safety in Advancing Age. NIA. R01 AG17177. Principal Investigator. 1999-2004.

Enhancing Mobility in the Elderly, Project 1. Edward R. Roybal Center for Research in Applied Gerontology. NIA P50 AG11684. Co-Investigator, 1993-1998. Principal Investigator. 1998-2003.

Effects of declining attention on object recognition and localization in older adults. National Research Service Award, National Institutes of Aging, NIH. Sponsor, 1998-2000.

Parietal lesion effects on sensorimotor transformations. R01 NS 34895. Co-Investigator, 1997-2000.

Driving performance of older drivers. National Research Service Award, National Institutes of Aging, NIH. Sponsor, 1997-1998.

Driving after head injury. Project in Injury Prevention Research Center. CDC R49/CCR 703640. Principal Investigator, 1996-1999.

Driving ability and car crashes in old age and dementia. CDC R49/CCR710136. Principal Investigator. 1996-1999.

High fidelity driving simulation. CDC Pilot Project. R49/CCR703640. Principal Investigator, 1994-1995. Visual perception deficits following human cerebellar lesions. Medical Research Council of Canada. Sponsor, 1991-1993, 1993-1995.

Modeling kinetic depth perception: clues from focal human brain lesions. Natural Sciences and Engineering Research Council of Canada. Sponsor, 1991-1993.

Modeling kinetic depth: clues from focal human brain lesions. Medical Research Council of Canada. Sponsor, 1991-1993, 1993-95.

The interaction of kinetic depth and stereopsis: clues from focal human brain lesions. McDonnell-Pew Program in Cognitive Neuroscience. Sponsor, 1991-94.

Studies of speech articulation. R01 NS07555. Consultant, 1986.

NIH biomedical research support grant. RR 05372. Principal investigator, 1985-1986.

#### **D. Invited Lectures, Workshops and Colloquia**

Advancing healthcare with digital monitoring in transportation (October, 2020). Co-speaker Matthew Rizzo. Invited talk at The Institute of Electrical and Electronics Engineering (IEEE) International Intelligent Vehicles Symposium (IV2020), Virtual Meeting.

Rizzo, M., My car the doctor: Using driving sensing to monitor cognitive change in aging and neurodegenerative impairments (April, 2019). Co-speaker Matthew Rizzo. Invited talk at the National Institutes of Health National Institute of Aging's Applying Digital Technology for Early Diagnosis and Monitoring of Alzheimer's Disease and Related Dementias Workshop – Session "Monitoring Physiological, Psychological, and Behavior Changes", Washington, DC.

Rizzo M. Biomechanics COBRE External Advisory Committee. COBRE Site Visit; May 17, 2019. Biomechanics Research Building, University of Nebraska, Omaha, Omaha, NE

Rizzo, M., My Car the Doctor: Using Driving Sensing to Monitor Cognitive Change in Aging and Neurodegenerative Impairments, NIA Digital Biomarkers, sponsored workshop, NIH, Bethesda, MD, April 25-26, 2019

Rizzo M. Translational Research Opportunities and Resources for Engineering and Medicine. March 29, 2019. Othmer Hall, College of Engineering, University of Nebraska - Lincoln, Lincoln, NE

Rizzo M. Clinical and Translational Research Resources, Opportunities, and COBRE Collaborations. March 29, 2019. Center for Brain, Biology, and Behavior, University of Nebraska-Lincoln, Lincoln, NE

Rizzo M. Clinical and Translational Research Opportunities. January 25, 2019. Lied Learning & Technology Center at Boys Town National Research Hospital, Omaha, NE

Rizzo M. Clinical and Translational Research Overview, Progress and Opportunities. January 18, 2019. Milo Bail Student Center, University of Nebraska at Omaha, Omaha, NE

Rizzo M. Synthesis and Closing Remarks. Second Annual GP IDeA-CTR Annual Symposium; October 10, 2018. University of Nebraska Medical Center, Omaha, NE

Rizzo, M., Clinical and Translational Research Welcome and Opening Remarks, Second Annual GP IDeA-CTR Annual Symposium, University of Nebraska Medical Center, Omaha, NE, October 10, 2018

Rizzo, M., Moderator, CTR Superstar Competition, Second Annual GP IDeA-CTR Annual Symposium, University of Nebraska Medical Center, Omaha, NE, October 10, 2018

Clinical and Translational Research Progress: Key Component Area Aims and Resources, Second Annual GP IDeA-CTR Annual Symposium, University of Nebraska Medical Center, Omaha, NE, October 10, 2018

Rizzo, M., Practice Based Research Networks for Clinical and Translational Research in Neurology, Iowa

Neurological Association, Annual Meeting, Iowa City, IA, September 29, 2018

Rizzo M. Mind and Brain Health. National Modeling & Simulation Coalition (NM&SC) 2018 National Meeting; September 25-26, 2018. University of Nebraska Medical Center, iEXCEL, Omaha, NE

Rizzo M. A Window on Mind and Brain Health. The Visionary Series; August 27, 2018. Kaneko Museum, Omaha, NE

Rizzo M. The Marketplace of IDeA Programs. COBRE and IDeA-CTR PI Meeting, NISBRE; June 27, 2018. Washington, D.C

Wright, D., Rizzo, M. Panel Discussion: *Finding Ways for Basic and Clinical Researchers to Work Together*, NIH, NIGMS Seventh Biennial National IDeA Symposium of Biomedical Research Excellence, Washington, D.C., June 24, 2018

Representative for NE/Kaidanren meeting with Mr. Kentaro Sonoura, National Security Advisor to Japanese Prime Minister Abe in Tokyo, Omaha, NE May 24, 2018

Rizzo, M. *Welcome and Opening Comments*, Huntington's Disease Patient and Caregiver Symposium, Omaha, May 18, 2018

Rizzo, M. *Cancer and Cognitive Neuroscience*, Department of Neurological Sciences Grand Rounds, University of Nebraska Medical Center, March 22, 2018.

Rizzo, M. *Currus Medicus*, University of Colorado, November 29, 2017.

Rizzo, M. *Smart Cars, Sick Brains*. University of sKansas Medical Center, November 3, 2017

Rizzo, M. Keynote Speaker. *Car Cures for FAST-zero*. FAST-zero '17. Nara, Japan. September 20, 2017

Rizzo, M. *Human Systems Integration, Healthcare and Community Service*, Department of Neurological Sciences Grand Rounds, Omaha, NE May 18, 2017

Rizzo, M. Simulation, *Physiology and Real-World Driver Behavior in the Internet-of-Things*, Keynote Speech, IEEE International Conference on Electro Information Technology (eit2017), Lincoln, NE May 17, 2017

Rizzo, M., *Imaging the Mind and Brain: Roadmap to Opportunities for UNMC*, Neuroimaging Symposium, University of Nebraska Medical Center, April 10, 2017.

Rizzo, M., Transportation, *Simulation, Medication, Automation: Explication*, North Dakota State University, Fargo, N.D., March 31, 2017

Rizzo, M., Huntington Disease Patient and Caregiver Symposium, Omaha, March 24, 2017.

Merickel, J., Rizzo, M. *Driver Behavior in Drivers with Insulin-Dependent Diabetes*. Department of Internal Medicine, Division of Diabetes, Endocrinology and Metabolism, University of Nebraska Medical Center, Omaha, March 2017.

Rizzo, M., *My Car, the Tricorder: Automotive Medicine*, Internal Medicine Grand Rounds, University of Nebraska Medical Center, Jan. 20, 2017.

Rizzo, M. *Review of Disease and Conditions Affecting Cognition and Behavior*, University of Nebraska



Medical Center, Jan. 19, 2017

Rizzo M. *Brains, Plains and Holiday Deals*, Science Café, The Slowdown, Omaha, NE Dec. 6, 2016

Rizzo, M., *Concussion Discussion*, Children's Hospital & Medical Center, Omaha, Nov. 2, 2016

Rizzo, M., *Welcome and Opening Comments*, Living Better with Parkinson's Disease in 2016: A Conference for Persons with Parkinson's Disease and their Family/Caregivers, La Vista, NE, Oct. 21, 2016.

Rizzo, M., *Driving and Neurological Disease*, American Neurological Association's 141st Scientific Session, Baltimore, MD., Oct. 16, 2016.

Rizzo, M. *Situation Awareness*. NHTSA/Toyota/Harvard T.H. Chan School of Public Health Workshop. Washington, DC, August 10, 2016

Rizzo M. TBI and CTE: *Principles, Practice, & Pearls*. University of Nebraska Medical Center, Department of Neurological Sciences Grand Rounds, Omaha, NE March 24, 2016

Rizzo M. *My car the neurologist*. Colorado Neuropsychological Society, Denver, CO May 18, 2015

Rizzo M. Traumatic Brain Injury and Chronic Traumatic Encephalopathy: Principles & Practice. Colorado Neuropsychological Society, Denver, CO May 18, 2015

Rizzo M. My Car, the Neurologist. University of Nebraska Medical Center, Department of Neurological Sciences Grand Rounds, Omaha, NE May 14, 2015

Rizzo, M. Human Systems Integration, Healthcare and Public Service National Academy of Science, Board on Human Systems Integration. Beckman Center, Irvine CA, September 17, 2014

Rizzo, M. Beyond the Survey: Measuring Brain and Behavioral Activity in Healthcare Settings National Academy of Science, Board on Human Systems Integration. Beckman Center, Irvine CA September 18, 2014

Rizzo, M. Highway Driving Performance After Administration of Sleep Medication: Human Factors. American College of Clinical Pharmacology. Clinical Pharmacology Innovations: Population-based Drug Development to Patient-centered Care. Atlanta, GA, September 14, 2014

Rizzo, M. Drugs, Brains and Cars: Bench to Roadside. Society on NeuroImmune Pharmacology New Orleans, Louisiana March 26-29, 2014

Rizzo, M. Chronic Traumatic Encephalopathy Clinical Pathological Conference. Department of Internal Medicine University of Iowa, Iowa City, IA. April 30, 2015

Keynote speaker of The 4th International Conference on Neuroeconomics and Neuromanagement School of Management, Zhejiang University, Hangzhou, China, 2014

Rizzo, M. Inviting International Researchers Grant. University of Taipei, Taiwan lectures. June 2014.  
Rizzo, M. Driving Simulation in Medical Disorders UMTRI Toyota Speaker Series March 13, 2014

Rizzo, M. Strategies for evaluation of drug effects on driver safety. US FDA Clinical Drug Evaluation and Development Seminar, White Oak, Maryland, February 12, 2014

Rizzo, M. Beyond the survey: Measuring brain and behavioral activity in healthcare settings. University of Iowa, Department of Neurology Grand Rounds, December 2013.

Rizzo, M. The aging mind and brain in the workplace: Legal and ethical issues. AMBI Symposium. University of Iowa. October 2013.

McDonald, A. D., Lee, J. D., Aksan, N. S., Dawson, J. D., Tippin, J., & Rizzo, M. Highway healthcare: How naturalistic driving data index adherence to CPAP therapy in obstructive sleep apnea.

Proceedings of the 57th Annual Meeting of the Human Factors and Ergonomics Society (1859- 1863), San Diego, California. September-October 2013. (link: <http://pro.sagepub.com/content/57/1/1859>)

Rizzo, M. Naturalistic Driving, The Eye, the Brain and the Auto, Detroit, Michigan. September 2013

Rizzo, M. From Cells to Sensors, Obermann Afternoons, Iowa City, Iowa. April 30, 2013.

Rizzo, M. The Road through the Eye and Brain, Swedish Road Administration, Seminar on the Assessment of Visual Field Defects, Goteborg, Sweden, March 12, 2013.

Rizzo, M. Clinical aspects of Alzheimer's Disease and Related Dementias, 35th Annual Conference on Health Care in the Elderly Dementia, Iowa City, Iowa. January 25, 2013

Invited speaker: Instrumented Vehicles and Driving Simulators. Evaluating at-risk drivers. Etransport - Passenger Transport Congress. Rio de Janeiro- Brasil. October 3, 2012

McDonald, A. D., Lee, J. D., Aksan, N. S., Rizzo, M., Dawson, J. D., & Tippin, J. Making naturalistic driving data SAX-y. Presented at the VTTI Third International Symposium on Naturalistic Driving Research, Blacksburg, Virginia. August 28, 2012.

Rizzo, M. This is Your Brain on the Internet: Effects of Technological Distraction in the Workplace. National Conference of Business School Information Technology Administrators, Iowa City, Iowa Memorial Union, June, 2012

Speaker/Organizer, Aging Mind and Brain Inaugural Symposium, University of Iowa, March 23, 2012

Rizzo M. The Aging Mind and Brain. The University Athletic Club, Iowa City, Iowa, January 17, 2012

McDonald, A. D., Lee, J. D., Aksan, N. S., Dawson, J. D., Tippin, J., & Rizzo, M. The language of driving: Advantages and applications of symbolic data reduction for naturalistic driving data analysis. Proceedings of the 92nd Annual Meeting of the Transportation Research Board, Washington D.C. January 13-17, 2012.

Rizzo M. Food and Drug Administration (FDA)/Pharmaceutical Education Research Institute (PERI)/Hypnotic Drugs Workshop, Bethesda, Maryland, May 10-11, 2011.

Rizzo M. The aging mind and brain: naturalistic assessment. Neurobiological Consequences and Risks of Aging, Symposium to highlight neuroscience as a strategic mission of the Carver College of Medicine. University of Iowa, Iowa City, Iowa, May 6, 2011

Organizer/Co-Sponsor with Department of Health and Human Physiology, Critical issues of quantifying human activity and sedentary behaviors from wearable sensors, with Dr. Patty Freedson, Distinguished Professor at the University of Massachusetts, Amherst.

Rizzo M. Driving issues in the elderly. Iowa Neurological Association Annual Meeting, Des Moines, Iowa, February 26, 2011

Rizzo M. Healthy mind and brain aging—an opportunity and call to action. University of Iowa Presidential Reception. The University of Iowa Alumni Association and The University of Iowa Foundation. Scottsdale, Arizona, February 16, 2011

Rizzo M. The Aging Mind and Brain. Council of Deans, University of Iowa, October 20, 2010

Rizzo M. National Institutes of Aging, Cognitive Aging Summit II and Executive Session, Washington D. C., October 4-5, 2010

Rizzo M. Your Brain on Computers. Boyd Building, College of Law, University of Iowa Sept. 16, 2010.

Rizzo M. Driving safety in multiple sclerosis and Parkinson's disease. US Department of Transportation Medical Review Board, Federal Motor Carriers Safety Administration, Washington DC, January 10-11, 2010

Rizzo, M. The Elderly Driver. Harvard/Beth Israel Deaconess Center, Boston Massachusetts, December 2, 2009; and JAMA. Clinical Crossroads; 2010

Rizzo M. Relationship between vision and the safe operation of a motor vehicle. Invited Speaker at the 5th The Eye and The Auto World Research Congress. Detroit, Michigan, September 16-18, 2009

Rizzo M. Neuroergonomics. Symposium: Biological and Cultural Factors in Applied Experimental Psychology. Division 21 (Applied Experimental and Engineering Psychology) of the American Psychological Association. Annual APA meeting, Toronto, Canada, August 6-9, 2009

Rizzo, M. Sleep Related Motor Vehicle Crashes. Scientific Conference on Sleepiness and Health-Related Quality of Life. National Heart Lung and Blood Institute (NHLBI). Natcher Conference Center. Bethesda, Maryland, April 13, 2009.

Rizzo M. Neural Substrates of Executive Control. National Conference on The Neural and Physiological Effects of Stress on Performance. The University of Maryland at College Park. February 24-28, 2009

Rizzo M. Brain Aging, Cognitive Errors and Car Crashes. University of South Carolina Medical School/Clemson. Geriatric Symposium. Columbia, South Carolina, February 6-7, 2009

Rizzo M. Invited Discussant: The Effects of Cognitive Training Interventions on Driving and Mobility: Results from the ACTIVE Clinical Trial. Symposium of the NAS Transportation Research Board, Washington DC, January 12, 2009

Rizzo M. Neuroergonomics. National Academy of Sciences, Committee on Human Systems Integration, Washington DC. September 9, 2008

Invited Speaker: Driving Simulation and Development of Countermeasures in Older Drivers. University of Kansas Medical Center. Kansas City, Kansas, April 18, 2008.

Invited Speaker: Neuroergonomics: The Aging Brain. Gerontology Center. University of Kansas, Lawrence, Kansas, April 17, 2008.

Invited Speaker: "Can I drive? Can I fly?" American Academy of Neurology Annual Meeting, Chicago, Illinois, April 14, 2008.

Invited Plenary: "Homage to Lorenz: Measuring Human Behavior and Performance in the Real World". 36th Annual INS Meeting, Waikoloa, Hawaii, February 6-9, 2008.

Invited Speaker: "Cognitive Impairments and Instrumented Vehicles." Symposium on using instrumented vehicles to study driving and dementia. Committee on Safe Mobility of Older Persons. Transportation Research Board. 87th Annual Meeting, Washington DC, January 15, 2008.

Invited Speaker: Parkinson's Disease Foundation 50th Anniversary Symposium, College of Physicians and Surgeons of Columbia University, New York, October 11-12, 2007

Invited Speaker: "Neuroergonomics of Visual Cognition: Research and Application." Human Factors and Ergonomics Society, 51st Annual Meeting. Baltimore, October 2, 2007.

Featured Speaker: "Alzheimer's Disease 2007: Challenges and Opportunities Through the Stages". Alzheimer's Disease Research Center, University of California Irvine, Irvine, California, September 20-21, 2007.

Host Committee Member: Driving Simulator Conference-North America (DCS-NA), Iowa City, Iowa, September 12-14, 2007.

Invited Speaker: Special Symposium Honoring Vivianne Smith and Joel Pokorny, University of Chicago Department of Ophthalmology & Visual Science, Chicago, IL, September 6-7, 2007.

Invited Speaker: Visual Attentional Impairments and Driving. In: Hot Topics in Neuro-ophthalmology: Rehabilitation of Visual Field Defects and Hemineglect. American Academy of Neurology Annual Meeting, Boston, Massachusetts, May 5, 2007.

Keynote Speaker: International Traffic Medicine Association – 20th World Congress, Royal Automobile Club of Victoria, Melbourne, Australia, October 16, 2006.

Invited Speaker: In-vehicle alerting and warning countermeasures in visually impaired drivers. Monash University, Melbourne, Australia, October 13, 2006.

Featured Speaker: From Neuropsychology to Neuroergonomics: The Cognitive Continuum. European Societies of Neuropsychology, Toulouse, France, October 20, 2006.

Featured Speaker: workshops on "The use of a driving simulator to promote safe driving". Montreal Rehabilitation Institute, The University of Montreal, Quebec, September 28-30th, 2006;

Featured Speaker: Alzheimer's Disease Research Centers of California, Predictions of driver safety in aging and dementia. UCLA Conference Center at Lake Arrowhead, California, September 14, 2006

Invited Speaker: Forum on Traffic Records, Palm Desert, California, July 30, 2006.

Featured Speaker: British Columbia Driving and Function Forum, Ministry of Public Safety and Solicitor General, Vancouver, Canada, June 15-16, 2006.

Anderson/Dickson Lectureship, Dalhousie University, Halifax, Nova Scotia, Canada, May 30, 2006  
Featured Speaker. Dalhousie University Neurosciences Seminar. Visual dysfunction produced by focal brain lesions. Halifax, Nova Scotia, May 31, 2006.

Featured Speaker: Neurology/Geriatric Medicine Lectures. Dalhousie University, Halifax, Nova Scotia, Canada, May 30, 2006.

Keynote speaker- Traffic and road safety international congress "New technologies and new approaches," Ankara, Turkey, May 17-19, 2006

Invited Speaker: Driving and Dementia - American Academy of Neurology Guidelines. Pre-conference workshop, International Conference on Aging Disability and Independence, St. Petersburg, Florida, February 1, 2006

Keynote Speaker: "Driving errors and countermeasures in aging and disabled drivers". International

Conference on Aging Disability and Independence, St. Petersburg, Florida, February 2, 2006

Invited Panel Discussant/ Moderator. Where is driver assessment heading? Can driver assessment be related to functional limitation? February 3, 2006, Saint Petersburg, Florida

Workgroup: Ethics/Professionalism/Research/Education. American Academy of Neurology. 2006  
Invited lecture. Instrumented Vehicles and Safe Mobility of Older Persons In: Methodological Advances in Studying On-Road Driving Performance and Habits in Older Drivers. Transportation Research Board, Annual Meeting, Washington, D.C., January 23, 2005

Invited lecture. Use of driving simulation to assess driving competence. Assessing Driving Safety of Senior Drivers: Clinical Issues and Research Findings Conference, University of Virginia, Virginia, October 9, 2004.

Invited lecture: Neuroergonomics: Brains on the Road. Department of Neurology, Mayo Clinic, Rochester, Minnesota, June 28, 2004.

Invited lecture: The Eye and The Auto 2003. 4th Research Colloquium. The Detroit Institute of Ophthalmology. Detroit Michigan, June 16, 2003.

Invited lecture: Wrecks, plaques and videotape. Washington-Idaho-INO Conference, University of UT, Salt Lake City, Utah, October 2002.

Invited lecture: Vision, action and brain damage. WINO Conference, University of UT, Salt Lake City, Utah, October 2002

Invited lecture: Vision, vehicles, and brain lesions. Neurosurgery Research Conference, University of Iowa Hospitals and Clinics, July 12, 2002.

Invited lecture: Fitness to drive in neuropsychiatric disorders and cognitive aging. Geriatric Psychiatry Topic Seminar, University of Iowa Hospitals and Clinics, June 24, 2002.

Discussion Group Facilitator: Systems for safety. 1st Annual Patient Safety Colloquium. American Academy of Neurology 54th Annual Meeting. Denver, Colorado, April 14, 2002.

Invited lecture: Neuroergonomics: sick brains, simulators, and smart cars. Department of Neurology, University of Alabama at Birmingham. April 5, 2002.

Invited lecture: Predictions of driver safety in advancing age and neurological disease. Milton S. Hershey Medical Center. Hershey, Pennsylvania, November 30, 2001.

Invited lecture: Visual dysfunction and brain damage. Milton S. Hershey Medical Center. Hershey, Pennsylvania, November 30, 2001.

Invited lecture: Eye, brain, and performance in at-risk older drivers. The Eye and The Auto 2001. 2nd Research Colloquium, The Detroit Institute of Ophthalmology. Detroit Michigan, June 14-16, 2001.

Workshop participant: Predictions of driver error in simulated driving tasks. Human Factors Workshop #7. Transportation Research Board 78th Annual Meeting, Washington, DC, January 10, 1999.



#### **IV. SERVICE**

##### **A. Membership in Professional Societies and Organizations/ Offices Held**

2016	American Brain Coalition
2000	Human Factors and Ergonomics Society
1999	Iowa Medical Society
1999	American Medical Association
1997	American Academy of Neurology
1995	American Neurological Association
1994	Medical Factors Subcommittee, Transportation Research
1993	Optical Society of America
1991	Central Society for Neurological Research
1990	European Neurological Society
1986	Society for Neuroscience
1986	New York Academy of Science
1986	Association for Research in Vision and Ophthalmology
1985	American Academy for the Advancement of Science
1984	Behavioral Neurology Society
1981	American Academy of Neurology

##### **B. Committees, Boards, Task Forces — University of Iowa**

- Program for the Aging Brain and Mind: Aging in the Heartland, Cluster Hire Plan for the Colleges of Dentistry, Engineering, Law, Medicine, Pharmacy, and Public Health, University of Iowa, 2010.
- Delta (Development and Learning from Theory to Application) Center, College of Liberal Arts and Sciences, University of Iowa, 2010
- Committee to Review the Department of Biostatistics in the University of Iowa College of Public Health, 2008.
- Executive Committee, Public Policy Center, University of Iowa, 2007-2014
- Iowa Institute for Clinical and Translational Research, Neurology Department Representative, 2007-2014
- Committee to Review The Department of Orthopedics and Rehabilitation of the Carver College

of Medicine, 2005

- Committee to Review the Office of the General Council, University of Iowa, 2004-2014
- Chair, Senate Elections Committee, Faculty Senate, University of Iowa, 2001
- Committee to Review the Office of the Provost, Faculty Senate, 2000-2004
- Committee to Review Hancher Auditorium, Faculty Senate, 2000
- Senate Elections Committee, Faculty Senate, University of Iowa, 1999-2004
- Center on Aging, National Research Service Award (NRSA) Advisory Committee, University of Iowa, 1999-2014
- Executive Committee, Memory Disorders Clinic, 1999-2014
- Committee to Review the Office of Vice-President for Student Services, Faculty Senate, 1999-2002
- Committee on Selection of Central Academic Officials, Faculty Senate, University of Iowa, 1998-2005.
- Chair, Committee on Program Faculty, Neuroscience Ph.D. Program, University of Iowa, 1998-2014
- Telecommunication Task Force, College of Medicine, 1998
- Committee on Committees, Faculty Senate, University of Iowa, 1997-2004
- Residency Committee, Department of Neurology, 1997-2002
- Integrated Call Center Software Review Task Force, Physician Consultation and Referral Center, UIHC, University of Iowa, 1997.
- Computer Committee, Department of Neurology, University of Iowa, 1995-2014
- Faculty Practice Plan Board, University of Iowa, 1995-1997

**C. Committees, Boards, Task Forces — Regional/National/International**

- Member, External Advisory Board North Dakota
- Dakota Cancer Collaborative on Translational Activity (DaCCoTa) External Advisory Committee
- NIH Panel Reviewer, Institutional Development Award Program Infrastructure for Clinical and Translational Research (IDeA CTR), March 31-April 1, 2019, Lisa Newman, Scientific Review Officer, NIGMS, NIH
- Panel Member, Modeling, Simulation and Visualization (MS&V) for Predictive Leadership and Decision-Making; Mind & Brain Health (Speaker, Panelist). National Modeling & Simulation Coalition (NM&SC) National Meeting, Improving Human Performance and Effectiveness; September 26, 2018. University of Nebraska Medical Center, Omaha, NE

- NENeurology Practice Based Research Network Review Committee, 2016-2017
- Neurology Practice Based Research Network Governance Committee, 2016-2017
- Co-Chair National Academy of Sciences Panel Study on Truck Safety, Hours of Service, and Fatigue, 2014-15
- Review Committee, The German Federal Ministry for Education and Research (BMBF, Bonn): Neuronal basis of active aging, Berlin, 2014
- Reviewer: Health Research Board (HRB) (the lead agency in Ireland supporting health research). 2013-
- Ethics of Accountable Care Organizations, American Academy of Neurology/Ethics, Law and Humanities Committee (AAN/ELHC). 2013-Present
- A Human-Systems Integration Approach to Safe and Effective Performance for Unmanned Aerial Systems, National Academy of Science, Board on Human Systems Integration, September 13, 2012
- The Future of Brain Machine Interface: A Meeting of Experts. National Academy of Science Board on Human Systems Integration and the Sandia National Laboratory. Beckman Institute, Irvine, CA. September 24-25, 2012 (Moderator).
- Electronically Mediated Care Coordination Planning Committee and Meeting, National Academy of Science, Board on Human Systems Integration, 2012-
- Ethics, Law and Humanities Committee, American Academy of Neurology. 2013-2016
- Outreach & Advocacy Committee, American Neurological Association, 2013-2015.
- Safe Patient Handling Task Force, Board on Human-Systems Integration, National Research Council (Committee Member), 2012-Present
- Health Care and Human Systems Integration, Task Force, Board on Human-Systems Integration, National Research Council (Committee Member), 2012
- Human-Systems Integration and Engineering Education Task Force, Board on Human-Systems Integration, National Research Council (Chair), 2012
- Medical Review Board, Railway Operator, Health and Safety, Union Pacific Railroad, 2012
- Medical Consultant, Vision Impairment, VTI, Swedish National Road and Transportation Research, 2012.
- U.S. DOT. Medical Expert Panel. Vision Impairments, 2012.
- Office of Naval Research. Reviewer of Multiuniversity Research Initiative on Capitalizing on research on animal and human adult brain plasticity to enhance training and performance. June 1, 2011
- NIH Study Section Chairperson: Science of Behavior Change: Finding Mechanisms of Change

in the Laboratory and Field (RO1). Bio behavioral Regulation, Learning, and Ethology Study Section

- Member, Committee to review the Beckman Institute for Advanced Science and Technology, Human Computer Intelligent Interaction [HCII] research, 2010
- National Research Council. *Issues in Commuting and Pilot Fatigue*: Committee on Commuting and Pilot Fatigue, Board on Human-Systems Integration, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press, 2011.
- Report Coordinator, National Academies, National Research Council (COHSI), project on Role of Human Factors in Home Health Care, 2009-2011
- Executive Committee – Clemson University/University of South Carolina Medical Center, Centers on Gerontology and Driving, 2008-Present
- Lead advisor to the U.S. Army Research Laboratory (ARL) Human Research and Engineering Directorate (HRED), the Advanced Decision Architectures Collaborative Technology Alliance (ADA CTA), and other ARL collaborators and research partners: Translational Neuroscience: Bridging Neuroscience to the Soldier's Operational Environment. 2007-2010
- Committee on Human Factors, National Research Council, National Academies of Sciences. Selected as Member, 2007-Present
- Promotion Committee, Harvard University, Ad Hoc Member, 2006-2007
- U.S. Food and Drug Administration Advisory Committee, Center for Drug Evaluation and Research, Peripheral and Central Nervous System Drugs, 2005-2009
- Ethics, Law and Humanities Committee American Academy of Neurology/ American Neurological Association Liaison 2004 - 2013
- American Academy of Neurology Clinical Research Subcommittee – Practice Committee Workgroup for establishing research priorities within the National Institute for Neurologic Disorders and Stroke.
- Patient Safety Subcommittee – Practice Committee, American Academy of Neurology, founding member 2003-2007
- Committee on Safe Mobility of Older Persons, A3B13 (Section B) - Users and Vehicles, Transportation Research Board, 2003-Present
- Clinical Research Subcommittee (CRS), American Academy of Neurology, 2001-2007
- Member Demographics Subcommittee [formerly Practice Characteristics Subcommittee, 2001-2002], American Academy of Neurology, 2001-2007
- Quality Standards Subcommittee (liaison from CRS), American Academy of Neurology, 2001-2007
- Public Policy Committee, American Neurological Association, 2000-2004: Chair, 2001-2004, 2004 ex-officio member
- Patient Safety Subcommittee [formerly Patient Safety Workgroup, 2000-2003] American

Academy of Neurology, 2000-2007

- Legislative Affairs Committee, American Academy of Neurology, 1997-2005
- Chair, Key Contacts Program, Legislative Affairs Committee, American Academy of Neurology, 1997-2005
- Transportation Research Board, National Research Council, Medical Factors Subcommittee, 1994-Present
- U.S. Department of Transportation Task Force: Neurological Standards for Truckers Guidelines for Higher Cortical Function, 1988

#### **D. Editorships, Editorial Boards, and Review Panels**

Scientific Review Board, Alzheimers Drug Discovery Foundation, December 10, 2019, Howard Fillit, MD, Founding Executive Director and Chief Science Officer, ADDF

NIH Panel Reviewer, Institutional Development Award Program Infrastructure for Clinical and Translational Research (IDeA CTR), March 31-April 1, 2019, Lisa Newman, Scientific Review Officer, NIGMS, NIH

Chair and Reviewer, PAR Panel: Decision Making and Emotion Function in Aging and AD, November 13, 2018, Dr. Biao Tian, Scientific Review Officer

Reviewer, NIGGMS, NIH, Institutional Development Award Program Infrastructure for Clinical and Translational Research, April 1, 2019

NIH Center for Scientific Review, Division of AIDS, Behavioral and Population Sciences; Decision Making and Emotion Function in Aging and AD, November 13, 2018

NIH Center for Scientific Review, Psycho/Neuropathology Lifespan Development, STEM Education, November 8-9, 2018

Grant Reviewer for the AAN Clinical Research Training Fellowships

Grant Reviewer for the AAN-Spinal Muscular Atrophy Foundation, Spinal Muscular Atrophy Young Investigator Awards.

Reviewer: National Institute for Aging, National Cancer Institute

Reviewer: U.S. Veteran's Administration

Reviewer, NIH-NCCAM (National Center for Complementary and Alternative Medicine) Consortial Center for Chiropractic Research (CCCR)

Reviewer:

- Archives of Neurology
- Archives of Ophthalmology
- Brain



- Brain and Behavioral Science
- Contemporary Psychology
- Cortex
- Journal of Cognitive and Experimental Neuroscience
- Journal of Neurology, Neurosurgery and Psychiatry
- Journal of Neuroophthalmology
- Journal of Optics and Photonics
- Mayo Clinic Proceedings
- Neurology
- Neuropsychiatry, Neuropsychology and Behavioral Neurology
- Neuropsychologia
- Ophthalmology
- Trends in Neurosciences
- Others

#### **E. Service Positions — Departmental, University of Iowa**

Ambulatory Errors in Neurology, AAN-University of Iowa-American Academy of Family Practice Collaborative Project Lead Investigator 2004-2005

Director, Psychopharmacology Journal Club, 2003-2006

Director, Neuroergonomics Seminar, 2001- 2014

Sponsor, First Annual Iowa Medical Society/Iowa Medical Society Alliance Mini-Internship Program, University of Iowa, Department of Neurology, 2001

Participant, Journal Club, Department of Neurology, University of Iowa, 2000-2014

Reviewer, Alzheimer's Society Research Project Grants, Queen Square, London UK, 2000

Reviewer, Committee to Review the Office of the Provost, Central University Administration and Faculty Council, University of Iowa, 2000-2003.

Reviewer, Hancher Auditorium, University of Iowa, 2000-2001

Mentor, NRSA Training Program, UI Center on Aging.

Reviewer, NRSA Applications, Center on Aging Executive Committee, University of Iowa.

## **F. Clinical assignments**

Chief Physician/Clinical Program Leader, Neurosciences (Neurology, Neurosurgery, Psychiatry, Anesthesia Pain, Physical Medicine and Rehabilitation, Nebraska Medicine/UNMC, 2014-Present

Attending physician, Inpatient Acute Care, Diagnostic, and Consult Services, 1985-2014

Attending physician, The University of Iowa Hospitals & Clinics, Neurology Outpatient Clinic, 1982-2014; Memory Disorders Clinic, 1983-2014

### **Contact Information:**

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Chair, Department of Neurological Sciences  
<http://www.unmc.edu/neurologicalsciences/>

Chief Physician/Clinical Program Leader, Neurosciences

Director, Mind and Brain Health Laboratories  
<https://www.unmc.edu/mbhl/>

Director, Great Plains IDeA-CTR Network  
<https://gpctr.unmc.edu>

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